MATH WORKSHEET · KINDERGARTEN · NUMBER TRACING

Trace the Numbers 0 to 5

Trace each number, then write it on your own. Color that many boxes in the ten frame.

Name: _____ **Date:** _____



0 0 0 0

1 1 1 1

2 2 2 2

3 3 3 3

4 4 4 4

5 5 5 5

Color nothing for 0, and one box in the ten frame for each one you count.

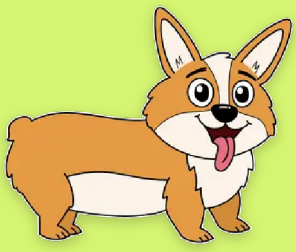
Art © Kevin Coulston

MATH WORKSHEET · KINDERGARTEN · NUMBER TRACING

Trace the Numbers 6 to 10

Trace each number, then write it on your own. Color that many boxes in the ten frame.

Name: _____ **Date:** _____



6 6 6 6

7 7 7 7

8 8 8 8

9 9 9 9

10 10 10 10

Color one box in the ten frame for each one you count.

Art © Kevin Coulston

MATH WORKSHEET · GRADES K–1 · NUMBER TRACING

Trace the Numbers 11 to 20

Trace the gray numbers. Then write the number two times on your own.

Name: _____ **Date:** _____



11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20

Art © Kevin Coulston

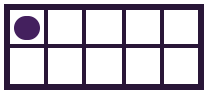
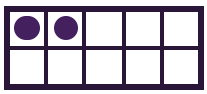
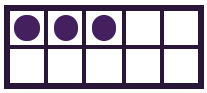
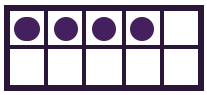
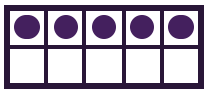
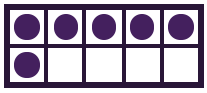
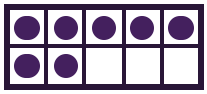
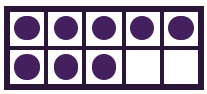
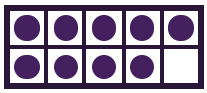
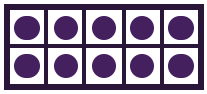
MATH WORKSHEET · GRADES K–1 · NUMBER TRACING

Number Words: One to Ten

Read the number. Count the dots. Trace the number word.

Name: _____ **Date:** _____



1		one one
2		two two
3		three three
4		four four
5		five five
6		six six
7		seven seven
8		eight eight
9		nine nine
10		ten ten

Art © Kevin Coulston

MATH WORKSHEET · GRADES K–1 · NUMBER TRACING

Number Hunt: Color by Number

Color every number to match the key. Then count how many of each you found.

Name: _____ **Date:** _____



Color key

3 = red 7 = blue 5 = green 9 = yellow

1	7	1	6	3	6	7	2
3	2	4	9	6	1	8	1
0	3	5	3	5	5	0	1
6	8	3	6	1	7	4	5
1	5	9	8	0	8	9	8
7	7	6	0	7	0	8	9

How many did you find?

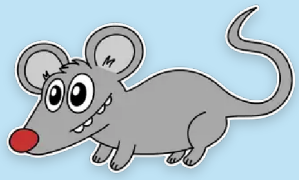
3s: ☐ 7s: ☐ 5s: ☐ 9s: ☐

Art © Kevin Coulston

MATH WORKSHEET · KINDERGARTEN · COUNTING

Count and Write

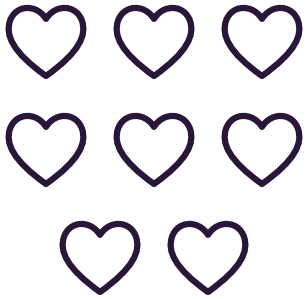
Count the shapes in each box. Write how many.



Name: _____ **Date:** _____



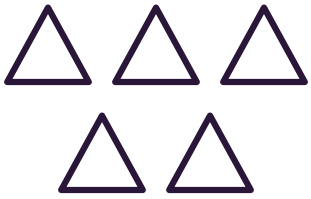
How many? ☐



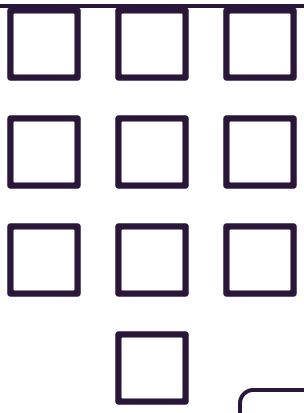
How many? ☐



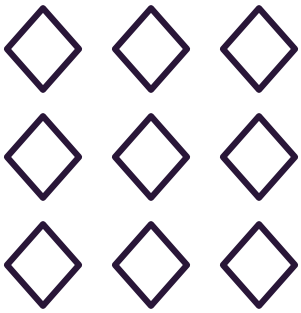
How many? ☐



How many? ☐



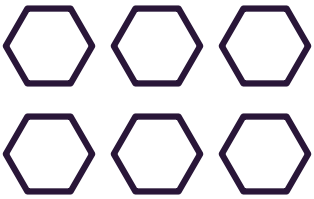
How many? ☐



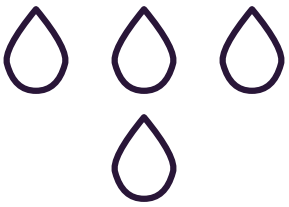
How many? ☐



How many? ☐



How many? ☐



How many? ☐

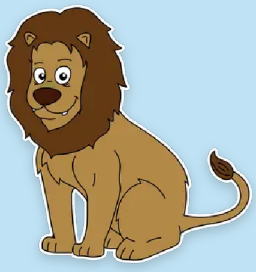
Art © Kevin Coulston

MATH WORKSHEET · GRADES K–1 · COUNTING

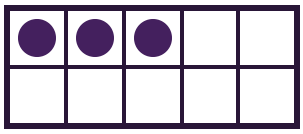
Ten Frame Counting

Count the dots. Write the number. Hint: a full ten frame is 10!

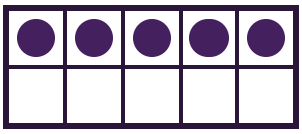
Name: _____ **Date:** _____



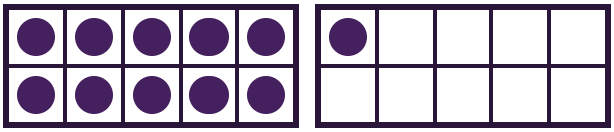
1



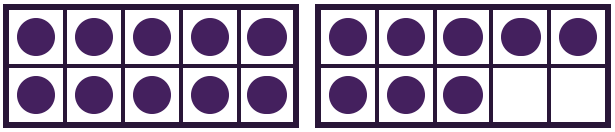
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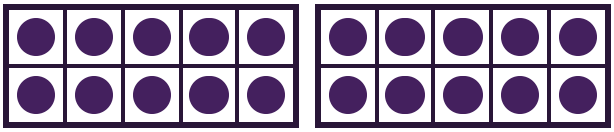
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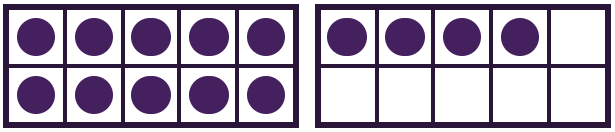
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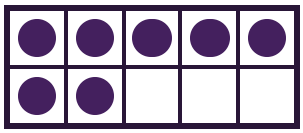
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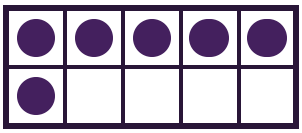
6



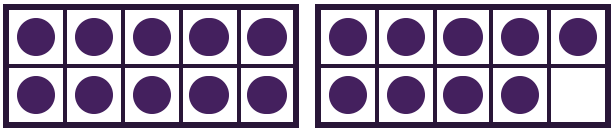
7



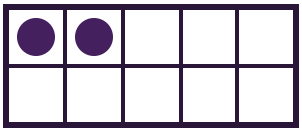
8



9



10



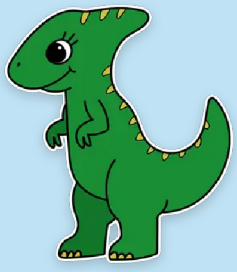
Art © Kevin Coulston

MATH WORKSHEET · GRADES K–1 · COUNTING

Count and Match

Count each group. Draw a line to the number that matches.

Name: _____ **Date:** _____



☆ ☆ ☆ ☆ ☆ ☆	• 10
♡ ♡ ♡ ♡ ♡ ♡ ♡ ♡	• 9
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	• 6
△ △ △ △ △	• 3
□ □ □	• 5
◇ ◇ ◇ ◇ ◇ ◇ ◇ ◇ ◇	• 8

Art © Kevin Coulston

MATH WORKSHEET · GRADES K–1 · COUNTING

Hundred Chart: Missing Numbers

Count from 1 to 100. Write the missing numbers in the empty squares.

Name: _____ **Date:** _____



1		3	4	5	6				10
11	12	13		15		17	18	19	
21		23	24		26				30
	32		34		36	37			40
41	42	43			46		48	49	50
51	52		54	55		57	58	59	60
61			64	65		67	68	69	
	72			75	76		78	79	80
81	82	83	84	85	86		88		
	92	93	94	95	96	97	98	99	100

Tip: each row counts by ones. Each column counts by tens!

Art © Kevin Coulston

MATH WORKSHEET · GRADES K–1 · COUNTING

Before, After and Between

Write the number that comes before, after or in between.

Name: _____ **Date:** _____



Just before

☐	20
☐	2
☐	22
☐	4
☐	16

Just after

29	☐
5	☐
21	☐
13	☐
14	☐

In between

11	☐	13
18	☐	20
16	☐	18
22	☐	24
26	☐	28

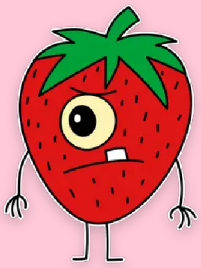
Art © Kevin Coulston

MATH WORKSHEET · GRADES K–1 · ADDITION & SUBTRACTION

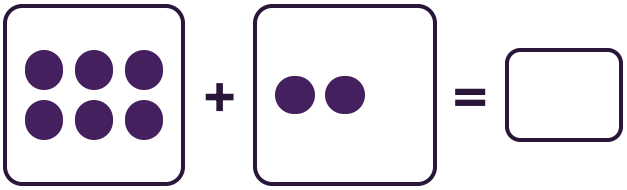
Picture Addition Within 10

Count the dots in each group. Add them together. Write the answer.

Name: _____ **Date:** _____

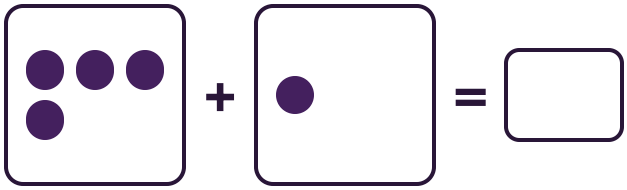


1



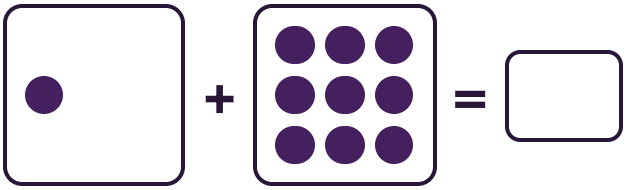
6 + 2 = ___

2



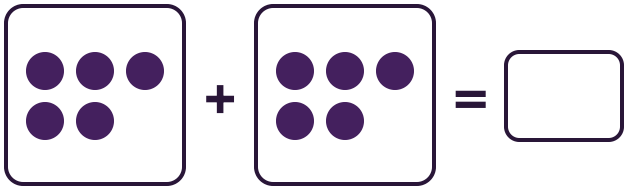
4 + 1 = ___

3



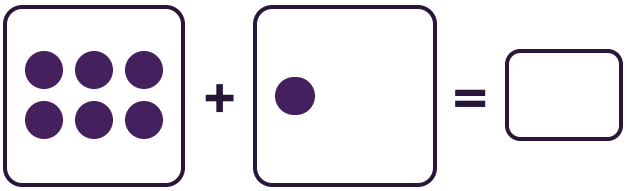
1 + 9 = ___

4



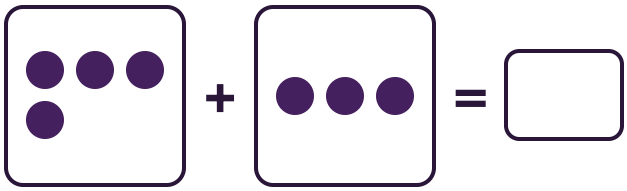
5 + 5 = ___

5



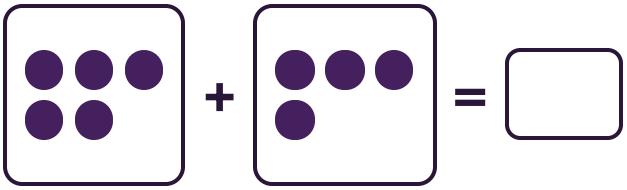
6 + 1 = ___

6



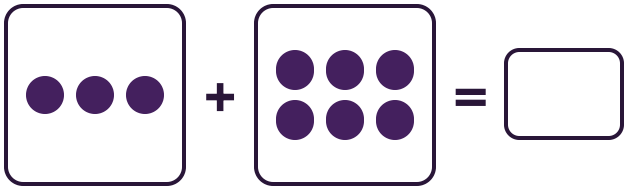
4 + 3 = ___

7



5 + 4 = ___

8



3 + 6 = ___

Art © Kevin Coulston

MATH WORKSHEET · GRADES 1–2 · ADDITION & SUBTRACTION

Addition Facts Within 20

Add. Can you finish all 30 before the timer rings?

Name: _____ **Date:** _____



1 5 + 3 = _____	2 6 + 1 = _____	3 2 + 2 = _____
4 2 + 8 = _____	5 3 + 7 = _____	6 5 + 2 = _____
7 5 + 4 = _____	8 1 + 4 = _____	9 7 + 1 = _____
10 9 + 7 = _____	11 3 + 10 = _____	12 1 + 6 = _____
13 7 + 11 = _____	14 8 + 4 = _____	15 1 + 2 = _____
16 4 + 2 = _____	17 8 + 1 = _____	18 8 + 10 = _____
19 12 + 7 = _____	20 1 + 9 = _____	21 8 + 3 = _____
22 7 + 3 = _____	23 9 + 8 = _____	24 3 + 5 = _____
25 10 + 2 = _____	26 8 + 5 = _____	27 4 + 9 = _____
28 7 + 2 = _____	29 7 + 6 = _____	30 4 + 3 = _____

Time: _____ **Correct:** _____ **out of 30**

Art © Kevin Coulston

MATH WORKSHEET · GRADES 1–2 · ADDITION & SUBTRACTION

Subtraction Facts Within 20

Subtract. Check a few by adding back!

Name: _____ **Date:** _____



1 $10 - 6 =$ _____	2 $9 - 6 =$ _____	3 $6 - 2 =$ _____
4 $5 - 5 =$ _____	5 $5 - 3 =$ _____	6 $15 - 3 =$ _____
7 $9 - 9 =$ _____	8 $12 - 1 =$ _____	9 $6 - 4 =$ _____
10 $17 - 12 =$ _____	11 $20 - 4 =$ _____	12 $18 - 7 =$ _____
13 $17 - 8 =$ _____	14 $15 - 9 =$ _____	15 $20 - 5 =$ _____
16 $20 - 9 =$ _____	17 $15 - 10 =$ _____	18 $19 - 6 =$ _____
19 $5 - 4 =$ _____	20 $8 - 1 =$ _____	21 $7 - 3 =$ _____
22 $20 - 2 =$ _____	23 $17 - 3 =$ _____	24 $15 - 7 =$ _____
25 $6 - 6 =$ _____	26 $18 - 11 =$ _____	27 $16 - 2 =$ _____
28 $8 - 8 =$ _____	29 $10 - 9 =$ _____	30 $7 - 2 =$ _____

Time: _____ **Correct:** _____ **out of 30**

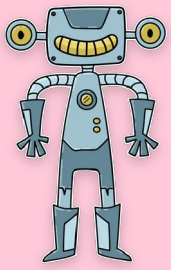
Art © Kevin Coulston

MATH WORKSHEET · GRADES 2–3 · ADDITION & SUBTRACTION

Two-Digit Addition and Subtraction

Add or subtract. Start with the ones. Regroup when you need to!

Name: _____ **Date:** _____



1	2	3	4	5
86 − 71	53 + 20	94 − 68	69 + 20	65 − 14
6	**7**	**8**	**9**	**10**
82 − 13	96 − 10	98 − 60	66 + 28	47 + 13
11	**12**	**13**	**14**	**15**
10 + 41	52 + 29	33 + 64	37 − 27	23 + 45
16	**17**	**18**	**19**	**20**
21 + 11	81 − 47	76 − 32	71 + 13	97 − 82

Art © Kevin Coulston

MATH WORKSHEET · GRADE 3 · ADDITION & SUBTRACTION

Three-Digit Addition and Subtraction



Add or subtract. Line up the ones, tens and hundreds. Regroup when you need to!

Name: _____ **Date:** _____

1	2	3	4	5
926 − 347	627 − 313	144 + 814	477 + 185	701 + 196
6	**7**	**8**	**9**	**10**
309 + 256	564 − 207	766 − 123	325 − 209	697 − 358
11	**12**	**13**	**14**	**15**
862 − 129	850 − 372	933 − 450	743 − 354	868 − 622

Art © Kevin Coulston

MATH WORKSHEET · GRADES 2–3 · MULTIPLICATION

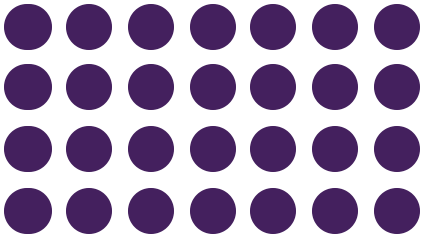
Multiplication Arrays

Count the rows and the dots in each row. Write the multiplication sentence.

Name: _____ **Date:** _____



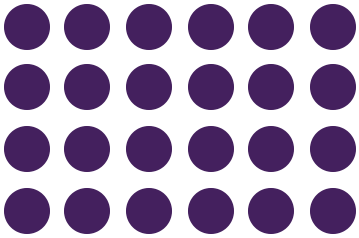
1



☐ rows of ☐

☐ × ☐ = ☐

2



☐ rows of ☐

☐ × ☐ = ☐

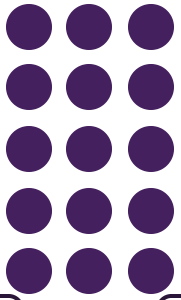
3



☐ rows of ☐

☐ × ☐ = ☐

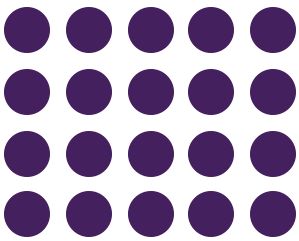
4



☐ rows of ☐

☐ × ☐ = ☐

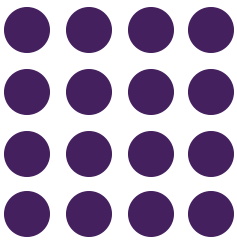
5



☐ rows of ☐

☐ × ☐ = ☐

6



☐ rows of ☐

☐ × ☐ = ☐

Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–4 · MULTIPLICATION

Multiplication Facts: 0 to 5

Multiply. Skip count if you get stuck!

Name: _____ **Date:** _____



1 $1 \times 10 =$ _____	2 $0 \times 8 =$ _____	3 $0 \times 1 =$ _____	4 $4 \times 4 =$ _____
5 $4 \times 3 =$ _____	6 $4 \times 1 =$ _____	7 $5 \times 3 =$ _____	8 $2 \times 0 =$ _____
9 $2 \times 2 =$ _____	10 $4 \times 2 =$ _____	11 $6 \times 3 =$ _____	12 $1 \times 7 =$ _____
13 $6 \times 0 =$ _____	14 $3 \times 8 =$ _____	15 $10 \times 0 =$ _____	16 $2 \times 10 =$ _____
17 $7 \times 0 =$ _____	18 $0 \times 9 =$ _____	19 $2 \times 7 =$ _____	20 $2 \times 1 =$ _____
21 $1 \times 0 =$ _____	22 $7 \times 5 =$ _____	23 $0 \times 5 =$ _____	24 $4 \times 10 =$ _____
25 $2 \times 3 =$ _____	26 $2 \times 6 =$ _____	27 $3 \times 1 =$ _____	28 $3 \times 10 =$ _____
29 $1 \times 1 =$ _____	30 $9 \times 4 =$ _____	31 $4 \times 5 =$ _____	32 $10 \times 2 =$ _____
33 $1 \times 2 =$ _____	34 $7 \times 2 =$ _____	35 $5 \times 2 =$ _____	36 $10 \times 1 =$ _____
37 $1 \times 3 =$ _____	38 $1 \times 5 =$ _____	39 $8 \times 5 =$ _____	40 $3 \times 5 =$ _____

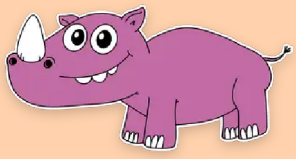
Time: _____ **Correct:** _____ **out of 40**

Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–5 · MULTIPLICATION

Multiplication Facts: 6 to 10

Multiply. Use a fact you know to help with one you don't!



Name: _____ **Date:** _____

1 $2 \times 6 =$ _____	2 $8 \times 5 =$ _____	3 $7 \times 8 =$ _____	4 $9 \times 10 =$ _____
5 $5 \times 6 =$ _____	6 $4 \times 9 =$ _____	7 $5 \times 8 =$ _____	8 $6 \times 0 =$ _____
9 $6 \times 10 =$ _____	10 $7 \times 4 =$ _____	11 $8 \times 1 =$ _____	12 $9 \times 4 =$ _____
13 $2 \times 9 =$ _____	14 $10 \times 9 =$ _____	15 $3 \times 6 =$ _____	16 $4 \times 8 =$ _____
17 $8 \times 4 =$ _____	18 $6 \times 1 =$ _____	19 $10 \times 4 =$ _____	20 $9 \times 9 =$ _____
21 $3 \times 7 =$ _____	22 $9 \times 1 =$ _____	23 $1 \times 10 =$ _____	24 $2 \times 7 =$ _____
25 $10 \times 10 =$ _____	26 $5 \times 7 =$ _____	27 $7 \times 3 =$ _____	28 $9 \times 6 =$ _____
29 $9 \times 7 =$ _____	30 $8 \times 9 =$ _____	31 $1 \times 7 =$ _____	32 $6 \times 6 =$ _____
33 $7 \times 10 =$ _____	34 $9 \times 8 =$ _____	35 $8 \times 7 =$ _____	36 $7 \times 9 =$ _____
37 $2 \times 10 =$ _____	38 $7 \times 7 =$ _____	39 $7 \times 5 =$ _____	40 $10 \times 1 =$ _____

Time: _____ **Correct:** _____ **out of 40**

Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–5 · MULTIPLICATION

Multiplication Chart Fill-In

Multiply the row number by the column number. Write the products in the empty squares.

Name: _____ **Date:** _____



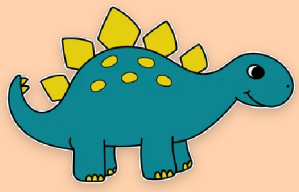
×	1	2	3	4	5	6	7	8	9	10
1	1			4		6	7		9	10
2			6		10		14		18	20
3	3	6		12	15	18	21	24	27	30
4	4					24		32		
5	5	10				30	35		45	
6		12		24	30	36	42		54	
7			21						63	70
8		16	24						72	
9		18	27	36				72	81	
10	10		30				70		90	100

Look for patterns: the 5s end in 5 or 0, the 10s end in 0, and the chart is the same on both sides of the diagonal.

Art © Kevin Coulston

MATH WORKSHEET · GRADES 4–5 · MULTIPLICATION

Two-Digit by One-Digit Multiplication



Multiply. Start with the ones and carry when you need to!

Name: _____ **Date:** _____

1

$$\begin{array}{r} 25 \\ \times\ 5 \\ \hline \end{array}$$

2

$$\begin{array}{r} 26 \\ \times\ 2 \\ \hline \end{array}$$

3

$$\begin{array}{r} 34 \\ \times\ 9 \\ \hline \end{array}$$

4

$$\begin{array}{r} 29 \\ \times\ 6 \\ \hline \end{array}$$

5

$$\begin{array}{r} 40 \\ \times\ 4 \\ \hline \end{array}$$

6

$$\begin{array}{r} 30 \\ \times\ 9 \\ \hline \end{array}$$

7

$$\begin{array}{r} 75 \\ \times\ 9 \\ \hline \end{array}$$

8

$$\begin{array}{r} 15 \\ \times\ 6 \\ \hline \end{array}$$

9

$$\begin{array}{r} 32 \\ \times\ 6 \\ \hline \end{array}$$

10

$$\begin{array}{r} 34 \\ \times\ 3 \\ \hline \end{array}$$

11

$$\begin{array}{r} 256 \\ \times\ 6 \\ \hline \end{array}$$

12

$$\begin{array}{r} 163 \\ \times\ 2 \\ \hline \end{array}$$

13

$$\begin{array}{r} 275 \\ \times\ 3 \\ \hline \end{array}$$

14

$$\begin{array}{r} 365 \\ \times\ 6 \\ \hline \end{array}$$

15

$$\begin{array}{r} 156 \\ \times\ 3 \\ \hline \end{array}$$

Art © Kevin Coulston

MATH WORKSHEET · GRADE 3 · DIVISION

Division with Equal Groups

Circle groups of the size shown. How many groups did you make? Write the answer.

Name: _____ **Date:** _____



1

10 dots. Circle groups of **2**.



10 ÷ 2 = ☐

2

8 dots. Circle groups of **4**.



8 ÷ 4 = ☐

3

24 dots. Circle groups of **4**.



24 ÷ 4 = ☐

4

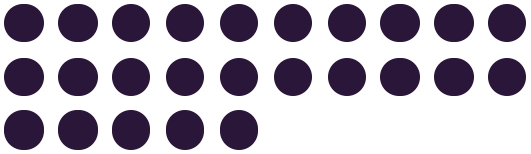
4 dots. Circle groups of **2**.



4 ÷ 2 = ☐

5

25 dots. Circle groups of **5**.



25 ÷ 5 = ☐

6

6 dots. Circle groups of **2**.



6 ÷ 2 = ☐

Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–4 · DIVISION

Division Facts: Divide by 1 to 5

Divide. Think: what times the divisor makes the big number?

Name: _____ **Date:** _____



1 $5 \div 1 =$ _____	2 $21 \div 3 =$ _____	3 $6 \div 3 =$ _____	4 $36 \div 4 =$ _____
5 $24 \div 3 =$ _____	6 $15 \div 3 =$ _____	7 $10 \div 1 =$ _____	8 $16 \div 2 =$ _____
9 $20 \div 2 =$ _____	10 $32 \div 4 =$ _____	11 $25 \div 5 =$ _____	12 $10 \div 2 =$ _____
13 $7 \div 1 =$ _____	14 $2 \div 2 =$ _____	15 $40 \div 5 =$ _____	16 $8 \div 1 =$ _____
17 $18 \div 3 =$ _____	18 $30 \div 5 =$ _____	19 $8 \div 2 =$ _____	20 $12 \div 4 =$ _____
21 $14 \div 2 =$ _____	22 $4 \div 1 =$ _____	23 $3 \div 3 =$ _____	24 $9 \div 1 =$ _____
25 $6 \div 2 =$ _____	26 $40 \div 4 =$ _____	27 $50 \div 5 =$ _____	28 $28 \div 4 =$ _____
29 $16 \div 4 =$ _____	30 $9 \div 3 =$ _____	31 $10 \div 5 =$ _____	32 $2 \div 1 =$ _____
33 $35 \div 5 =$ _____	34 $45 \div 5 =$ _____	35 $4 \div 2 =$ _____	36 $8 \div 4 =$ _____
37 $4 \div 4 =$ _____	38 $1 \div 1 =$ _____	39 $24 \div 4 =$ _____	40 $12 \div 2 =$ _____

Time: _____ **Correct:** _____ **out of 40**

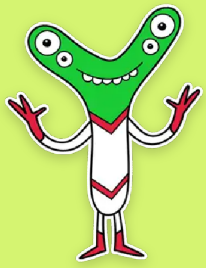
Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–5 · DIVISION

Division Facts: Divide by 6 to 10

Divide. Think: what times the divisor makes the big number?

Name: _____ **Date:** _____



1 40 ÷ 8 = ____	2 90 ÷ 10 = ____	3 18 ÷ 6 = ____	4 30 ÷ 10 = ____
5 42 ÷ 6 = ____	6 35 ÷ 7 = ____	7 60 ÷ 10 = ____	8 81 ÷ 9 = ____
9 12 ÷ 6 = ____	10 60 ÷ 6 = ____	11 32 ÷ 8 = ____	12 36 ÷ 6 = ____
13 72 ÷ 8 = ____	14 48 ÷ 8 = ____	15 54 ÷ 6 = ____	16 50 ÷ 10 = ____
17 24 ÷ 8 = ____	18 56 ÷ 8 = ____	19 20 ÷ 10 = ____	20 48 ÷ 6 = ____
21 14 ÷ 7 = ____	22 80 ÷ 10 = ____	23 49 ÷ 7 = ____	24 45 ÷ 9 = ____
25 63 ÷ 7 = ____	26 56 ÷ 7 = ____	27 21 ÷ 7 = ____	28 7 ÷ 7 = ____
29 100 ÷ 10 = ____	30 30 ÷ 6 = ____	31 90 ÷ 9 = ____	32 24 ÷ 6 = ____
33 70 ÷ 10 = ____	34 70 ÷ 7 = ____	35 72 ÷ 9 = ____	36 18 ÷ 9 = ____
37 28 ÷ 7 = ____	38 40 ÷ 10 = ____	39 42 ÷ 7 = ____	40 54 ÷ 9 = ____

Time: _____ **Correct:** _____ **out of 40**

Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–4 · DIVISION

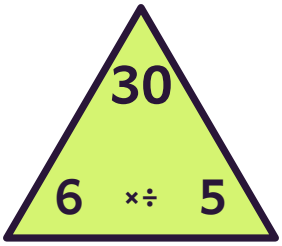
Fact Families: Multiply and Divide

Use the three numbers to write two multiplication facts and two division facts.

Name: _____ **Date:** _____



1



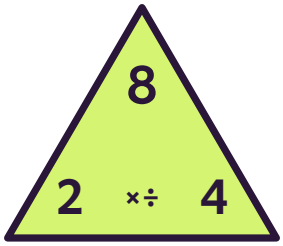
_____

_____

_____

_____

2



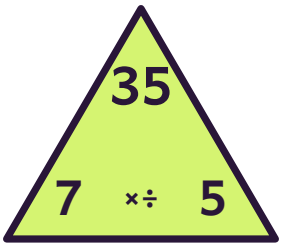
_____

_____

_____

_____

3



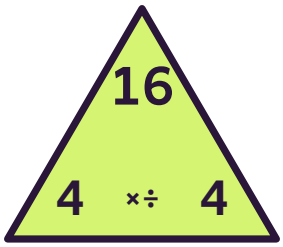
_____

_____

_____

_____

4



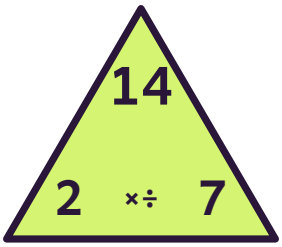
_____

_____

_____

_____

5



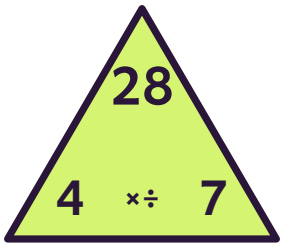
_____

_____

_____

_____

6



_____

_____

_____

_____

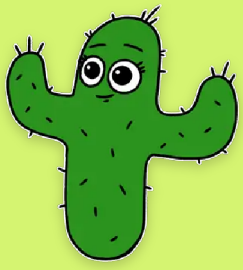
Art © Kevin Coulston

MATH WORKSHEET · GRADES 4–5 · DIVISION

Long Division with Remainders

Divide, multiply, subtract, bring down. Write any remainder with an R.

Name: _____ **Date:** _____



1 $8\overline{)655}$

2 $3\overline{)62}$

3 $5\overline{)509}$

4 $3\overline{)58}$

5 $2\overline{)60}$

6 $5\overline{)474}$

7 $4\overline{)773}$

8 $6\overline{)79}$

9 $6\overline{)95}$

10 $6\overline{)89}$

11 $6\overline{)81}$

12 $7\overline{)435}$

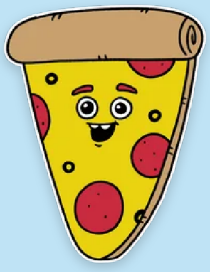
Art © Kevin Coulston

MATH WORKSHEET · GRADES 2–3 · FRACTIONS

Name the Fraction

How many equal parts? How many are shaded? Write the fraction.

Name: _____ **Date:** _____

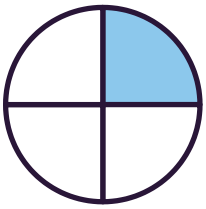


1



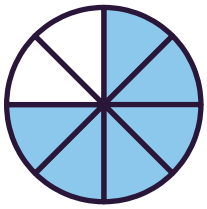
$\frac{\square}{\square}$

2



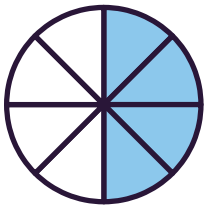
$\frac{\square}{\square}$

3



$\frac{\square}{\square}$

4



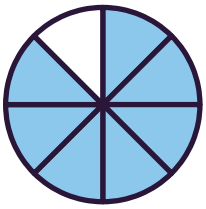
$\frac{\square}{\square}$

5



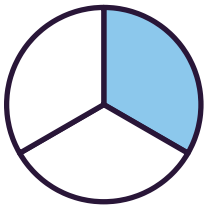
$\frac{\square}{\square}$

6



$\frac{\square}{\square}$

7



$\frac{\square}{\square}$

8



$\frac{\square}{\square}$

9



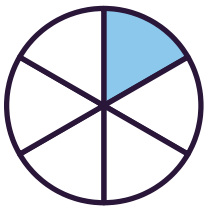
$\frac{\square}{\square}$

10



$\frac{\square}{\square}$

11



$\frac{\square}{\square}$

12



$\frac{\square}{\square}$

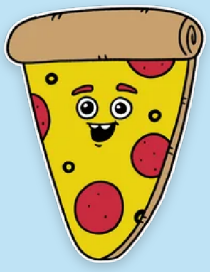
Art © Kevin Coulston

MATH WORKSHEET · GRADES 2–3 · FRACTIONS

Color the Fraction

Read the fraction. Color that many equal parts.

Name: _____ **Date:** _____



1



$\frac{5}{8}$

2



$\frac{1}{3}$

3



$\frac{2}{4}$

4



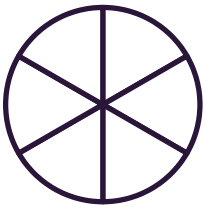
$\frac{1}{5}$

5



$\frac{2}{3}$

6



$\frac{4}{6}$

7



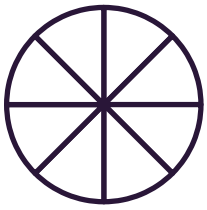
$\frac{1}{4}$

8



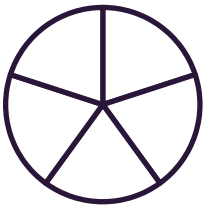
$\frac{2}{3}$

9



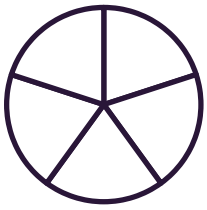
$\frac{2}{8}$

10



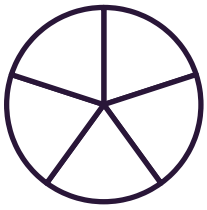
$\frac{3}{5}$

11



$\frac{1}{5}$

12



$\frac{4}{5}$

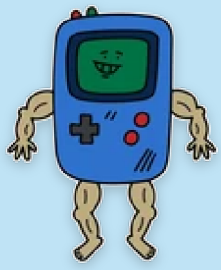
Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–4 · FRACTIONS

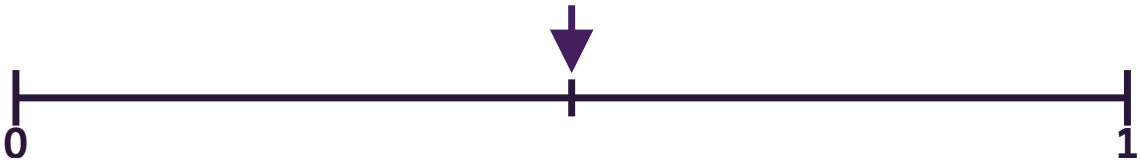
Fractions on a Number Line

Count the equal jumps from 0 to 1. Write the fraction at the arrow.

Name: _____ **Date:** _____



1



2



3



4



5



6



7



Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–4 · FRACTIONS

Compare Fractions

Shade each fraction bar. Write <, > or = in the circle.

Name: _____ **Date:** _____



1 $\frac{7}{8}$ ◯ $\frac{2}{6}$

2 $\frac{7}{8}$ ◯ $\frac{4}{8}$

3 $\frac{1}{6}$ ◯ $\frac{1}{8}$

4 $\frac{2}{6}$ ◯ $\frac{1}{3}$

5 $\frac{2}{3}$ ◯ $\frac{4}{6}$

6 $\frac{2}{3}$ ◯ $\frac{1}{2}$

7 $\frac{1}{6}$ ◯ $\frac{5}{6}$

8 $\frac{1}{3}$ ◯ $\frac{1}{6}$

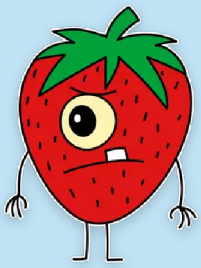
Art © Kevin Coulston

MATH WORKSHEET · GRADES 4–5 · FRACTIONS

Equivalent Fractions

Use the fraction wall. Fill in the missing number so the fractions are equal.

Name: _____ **Date:** _____



Fraction wall

1											
$\frac{1}{2}$						$\frac{1}{2}$					
$\frac{1}{3}$				$\frac{1}{3}$				$\frac{1}{3}$			
$\frac{1}{4}$				$\frac{1}{4}$				$\frac{1}{4}$			
$\frac{1}{6}$				$\frac{1}{6}$				$\frac{1}{6}$			
$\frac{1}{8}$				$\frac{1}{8}$				$\frac{1}{8}$			
$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$

1 $\frac{1}{2} = \frac{\square}{8}$

2 $\frac{1}{2} = \frac{\square}{6}$

3 $\frac{1}{2} = \frac{3}{\square}$

4 $\frac{1}{3} = \frac{\square}{12}$

5 $\frac{1}{2} = \frac{\square}{12}$

6 $\frac{5}{6} = \frac{\square}{12}$

7 $\frac{1}{3} = \frac{2}{\square}$

8 $\frac{1}{4} = \frac{\square}{12}$

9 $\frac{1}{6} = \frac{\square}{12}$

10 $\frac{1}{2} = \frac{2}{\square}$

11 $\frac{2}{3} = \frac{\square}{12}$

12 $\frac{1}{4} = \frac{\square}{8}$

Art © Kevin Coulston

MATH WORKSHEET · GRADES 1–2 · PLACE VALUE

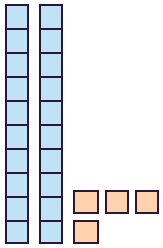
Tens and Ones

Count the tens (long bars) and the ones (small cubes). Write the number.

Name: _____ **Date:** _____



1

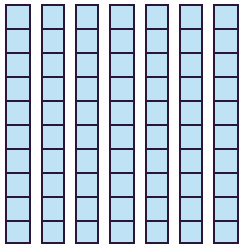


☐ tens

☐ ones

= ☐

2

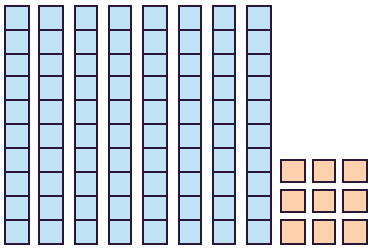


☐ tens

☐ ones

= ☐

3

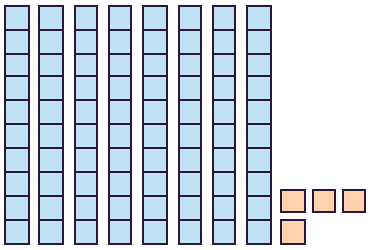


☐ tens

☐ ones

= ☐

4

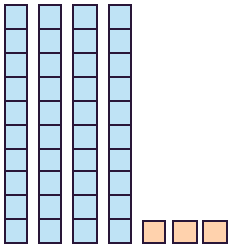


☐ tens

☐ ones

= ☐

5

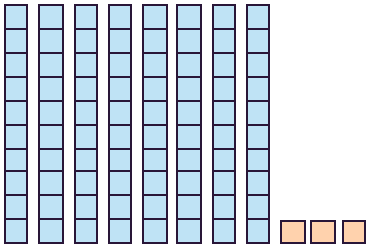


☐ tens

☐ ones

= ☐

6

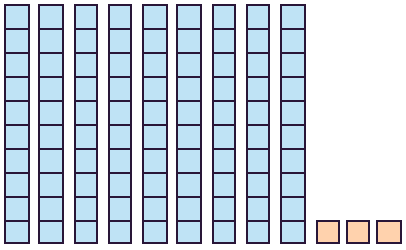


☐ tens

☐ ones

= ☐

7

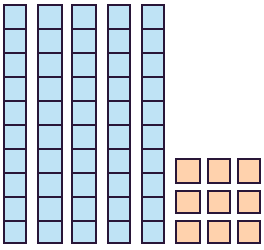


☐ tens

☐ ones

= ☐

8



☐ tens

☐ ones

= ☐

Art © Kevin Coulston

MATH WORKSHEET · GRADE 1 · PLACE VALUE

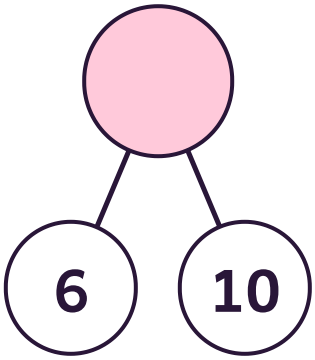
Number Bonds Within 20

The two parts make the whole. Write the missing number.

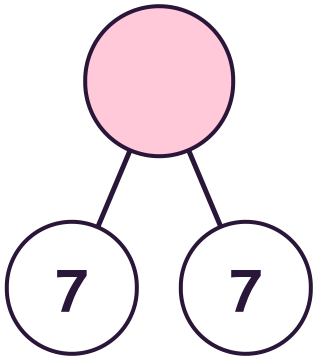
Name: _____ **Date:** _____



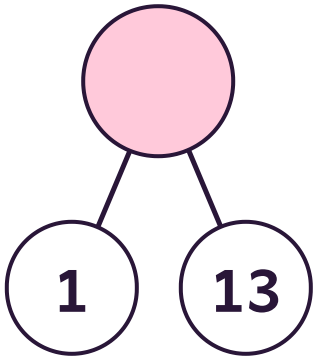
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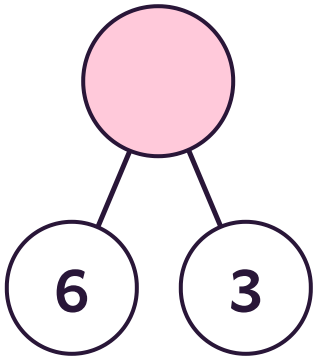
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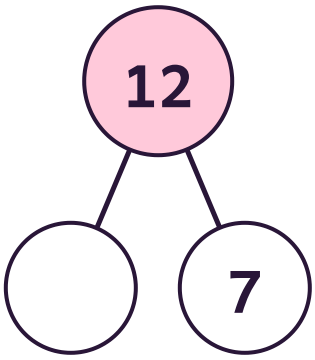
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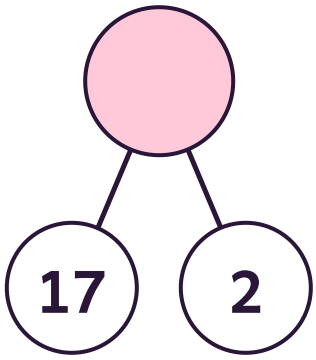
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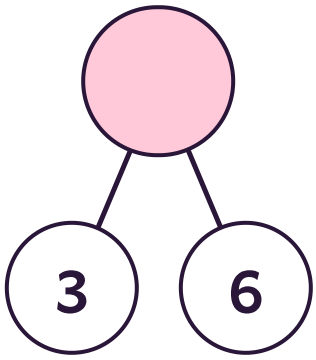
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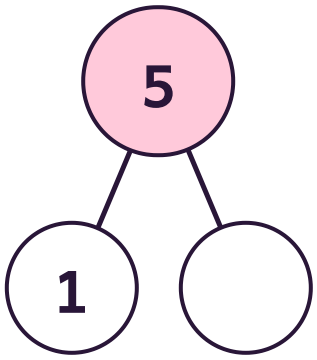
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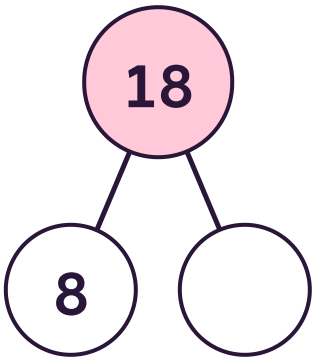
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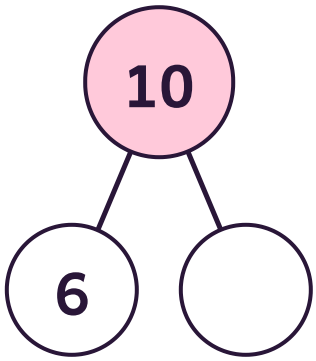
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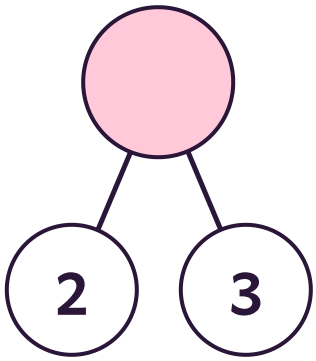
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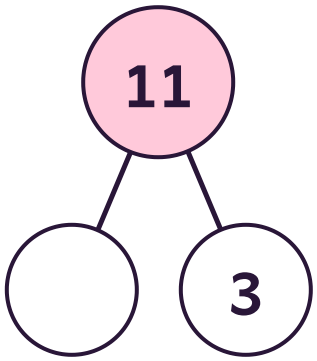
10



11



12



Art © Kevin Coulston

MATH WORKSHEET · GRADES 2–3 · PLACE VALUE

Hundreds, Tens and Ones



Write how many hundreds, tens and ones. Then write the number in expanded form.

Name: _____ **Date:** _____

Number	Hundreds	Tens	Ones	Expanded form
623				
894				
903				
667				
671				
297				
700				
424				
220				
287				

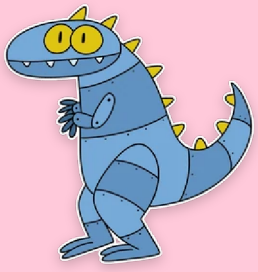
Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–5 · PLACE VALUE

Expanded Form and Word Form

Fill in each row. Write the number in standard form, expanded form and word form.

Name: _____ **Date:** _____



Standard form	Expanded form	Word form
1,345		
		five thousand eight hundred thirty-eight
	6,000 + 200 + 90 + 5	
9,609		
71,209		
	30,000 + 4,000 + 900 + 10 + 8	
	90,000 + 100 + 50 + 3	
		ninety-one thousand nine hundred sixty-two

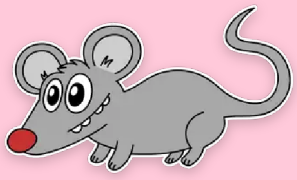
Standard form: 4,562. Expanded form: 4,000 + 500 + 60 + 2. Word form: four thousand five hundred sixty-two.

Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–4 · PLACE VALUE

Rounding to 10, 100 and 1,000

Look at the digit to the right. 5 or more? Round up. 4 or less? Round down.



Name: _____ **Date:** _____

Number	Nearest 10	Nearest 100	Nearest 1,000
1,162			
3,202			
5,684			
8,816			
6,369			
6,901			

Example: 4,672 rounds to 4,670 (nearest 10), 4,700 (nearest 100) and 5,000 (nearest 1,000).

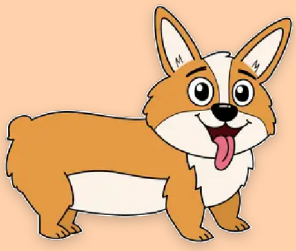
Art © Kevin Coulston

MATH WORKSHEET · GRADE 1 · WORD PROBLEMS

Word Problems: 1st Grade

Read each problem. Draw a picture or write a number sentence. Write the answer.

Name: _____ **Date:** _____



1 Maya has 8 stickers. Her friend gives her 5 more. How many stickers does Maya have now?

Answer: _____ stickers

2 There are 15 ducks in the pond. 7 ducks fly away. How many ducks are left?

Answer: _____ ducks

3 Leo drew 6 robots on Monday and 9 robots on Tuesday. How many robots did he draw in all?

Answer: _____ robots

4 A box has 12 crayons. 4 crayons are broken. How many crayons are not broken?

Answer: _____ crayons

5 Sam read 7 books. Ava read 3 more books than Sam. How many books did Ava read?

Answer: _____ books

6 There were 9 cupcakes on a plate. Now there are 2. How many cupcakes were eaten?

Answer: _____ cupcakes

Art © Kevin Coulston

MATH WORKSHEET · GRADE 2 · WORD PROBLEMS

Word Problems: 2nd Grade

Read each problem. Show your work in the box. Write the answer.

Name: _____ **Date:** _____



1 The class collected 46 cans on Monday and 38 cans on Tuesday. How many cans did they collect in all?

Answer: _____ cans

2 A book has 72 pages. Nina has read 45 pages. How many pages does she have left to read?

Answer: _____ pages

3 There are 54 kids at the park. 19 kids go home. How many kids are still at the park?

Answer: _____ kids

4 Ben has 25 marbles. Jada has 18 more marbles than Ben. How many marbles does Jada have?

Answer: _____ marbles

5 A pencil costs 35¢ and an eraser costs 28¢. How much do they cost together?

Answer: _____

6 Ms. Lee had 90 stickers. She gave out 34 in the morning and 27 in the afternoon. How many stickers are left?

Answer: _____ stickers

Art © Kevin Coulston

MATH WORKSHEET · GRADE 3 · WORD PROBLEMS

Word Problems: 3rd Grade



Read each problem. Multiply or divide? Show your work. Write the answer.

Name: _____ **Date:** _____

1 There are 6 tables in the art room. Each table has 4 chairs. How many chairs are there?

Answer: _____ **chairs**

2 32 kids line up in 4 equal teams. How many kids are on each team?

Answer: _____ **kids**

3 A pack has 8 markers. Mr. Diaz buys 7 packs. How many markers does he buy?

Answer: _____ **markers**

4 45 cookies are put in bags of 5. How many bags are filled?

Answer: _____ **bags**

5 A garden has 9 rows with 6 plants in each row. How many plants are in the garden?

Answer: _____ **plants**

6 Zoe has 28 photos. She puts 7 photos on each page of her album. How many pages does she fill?

Answer: _____ **pages**

Art © Kevin Coulston

MATH WORKSHEET · GRADE 4 · WORD PROBLEMS

Word Problems: 4th Grade

Read each problem twice. Plan the steps. Show your work. Write the answer.

Name: _____ **Date:** _____



1 A school orders 12 boxes of pencils with 24 pencils in each box. It gives 150 pencils to the 4th grade. How many pencils are left?

Answer: _____ pencils

2 Tickets cost $8 for kids and $12 for adults. How much do 3 kids and 2 adults pay in all?

Answer: _____

3 A farmer has 156 eggs. He packs them in cartons of 12. How many cartons does he fill?

Answer: _____ cartons

4 Lily reads 35 pages a day for 6 days. Her book has 250 pages. How many pages does she still have to read?

Answer: _____ pages

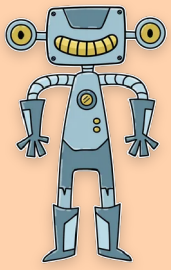
5 98 students go on a field trip. Each bus holds 40 students. How many buses do they need?

Answer: _____ buses

Art © Kevin Coulston

MATH WORKSHEET · GRADE 5 · WORD PROBLEMS

Word Problems: 5th Grade



Read each problem twice. Show your work. Write the answer with its unit.

Name: _____ **Date:** _____

1 Jon ran 2 1/2 miles on Monday and 1 3/4 miles on Tuesday. How far did he run in all?

Answer: _____ miles

2 A notebook costs $2.45. How much do 4 notebooks cost?

Answer: _____

3 A recipe needs 3/4 cup of flour. How much flour is needed for 2 batches?

Answer: _____ cups

4 A ribbon is 3.6 meters long. It is cut into 4 equal pieces. How long is each piece?

Answer: _____ meters

5 Maria had $20.00. She bought a book for $7.85 and a pen for $1.50. How much money does she have left?

Answer: _____

Art © Kevin Coulston

MATH WORKSHEET · GRADE 1 · TELLING TIME

Telling Time to the Hour

Look at the short hour hand. The long minute hand points to 12. Write the time.

Name: _____ **Date:** _____



1



_____

2



_____

3



_____

4



_____

5



_____

6



_____

7



_____

8



_____

9



_____

10



_____

11



_____

12



_____

Art © Kevin Coulston

MATH WORKSHEET · GRADES 1–2 · TELLING TIME

Draw the Time: Hour and Half Hour



Draw the short hour hand and the long minute hand to show each time.

Name: _____ **Date:** _____

1



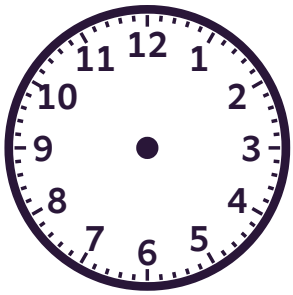
12:00

2



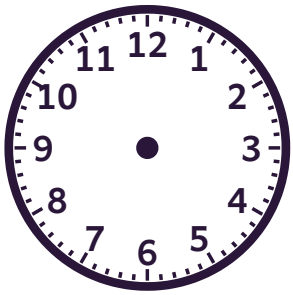
5:00

3



6:00

4



4:00

5



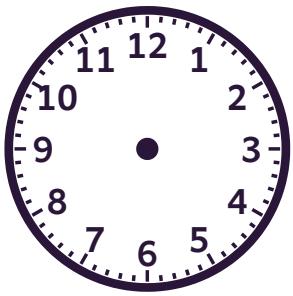
3:00

6



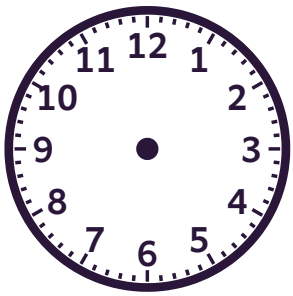
2:30

7



7:30

8



10:30

9



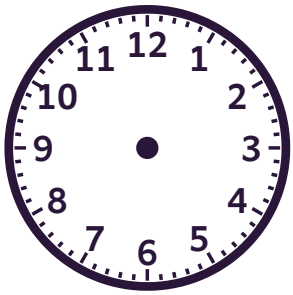
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10



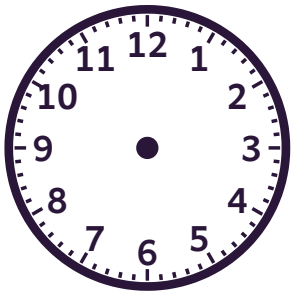
11:30

11



8:00

12



9:30

Art © Kevin Coulston

MATH WORKSHEET · GRADES 2–3 · TELLING TIME

Telling Time to Five Minutes

Read the hour hand. Count by fives for the minute hand. Write the time.

Name: _____ **Date:** _____



1



_____

2



_____

3



_____

4



_____

5



_____

6



_____

7



_____

8



_____

9



_____

10



_____

11



_____

12



_____

Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–4 · TELLING TIME

Telling Time to the Minute

Read the hour hand. Count by fives, then by ones. Write the time.

Name: _____ **Date:** _____



1



_____

2



_____

3



_____

4



_____

5



_____

6



_____

7



_____

8



_____

9



_____

10



_____

11



_____

12



_____

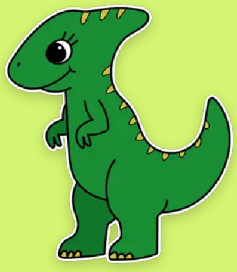
Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–4 · TELLING TIME

Elapsed Time

Write the start time and the end time. How much time passed?

Name: _____ **Date:** _____



1

Start



End



Start: _____

End: _____

Time passed: _____

2

Start



End



Start: _____

End: _____

Time passed: _____

3

Start



End



Start: _____

End: _____

Time passed: _____

4

Start



End



Start: _____

End: _____

Time passed: _____

5

Start



End



Start: _____

End: _____

Time passed: _____

6

Start



End



Start: _____

End: _____

Time passed: _____

7. Art class starts at 1:20 and ends at 2:05. How long is art class? _____

8. Recess starts at 10:15 and lasts 25 minutes. What time does recess end? _____

Art © Kevin Coulston

MATH WORKSHEET · GRADES 1–2 · MONEY

Coin Values

Look at the coin key. Write the value of each coin in cents.

Name: _____ **Date:** _____



Coin key

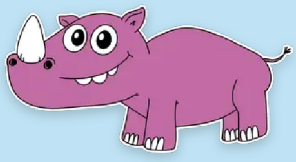
ONE CENT	FIVE CENTS	ONE DIME	QUARTER DOLLAR
penny	nickel	dime	quarter
1¢	5¢	10¢	25¢

ONE CENT	ONE DIME	QUARTER DOLLAR	ONE CENT
ONE DIME	FIVE CENTS	ONE DIME	ONE DIME
ONE CENT	QUARTER DOLLAR	ONE CENT	ONE DIME
ONE DIME	QUARTER DOLLAR	ONE CENT	ONE CENT

Art © Kevin Coulston

MATH WORKSHEET · GRADES 1–2 · MONEY

Count the Coins



Count the coins. Start with the coin worth the most. Write the total in cents.

Name: _____ **Date:** _____

1 QUARTER DOLLAR · QUARTER DOLLAR · FIVE CENTS · FIVE CENTS — **Total:** ☐

2 QUARTER DOLLAR · FIVE CENTS · FIVE CENTS · ONE CENT — **Total:** ☐

3 ONE DIME · ONE DIME · ONE DIME · FIVE CENTS · ONE CENT · ONE CENT — **Total:** ☐

4 QUARTER DOLLAR · ONE DIME · ONE DIME · ONE DIME · FIVE CENTS · FIVE CENTS — **Total:** ☐

5 FIVE CENTS · FIVE CENTS · FIVE CENTS · ONE CENT · ONE CENT · ONE CENT — **Total:** ☐

6 QUARTER DOLLAR · FIVE CENTS · ONE CENT — **Total:** ☐

7 FIVE CENTS · FIVE CENTS · FIVE CENTS · FIVE CENTS · ONE CENT · ONE CENT — **Total:** ☐

8 QUARTER DOLLAR · ONE DIME · FIVE CENTS · FIVE CENTS · FIVE CENTS · ONE CENT — **Total:** ☐

Art © Kevin Coulston

MATH WORKSHEET · GRADES 2–3 · MONEY

Count Bills and Coins

Count the bills first, then the coins. Write the total with a $ and a dot.

Name: _____ **Date:** _____



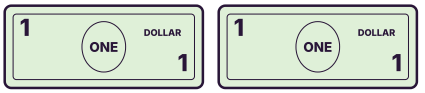
1

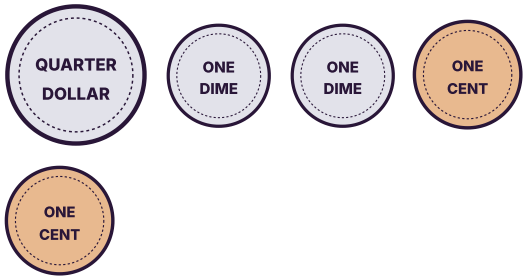




Total: ☐

2





Total: ☐

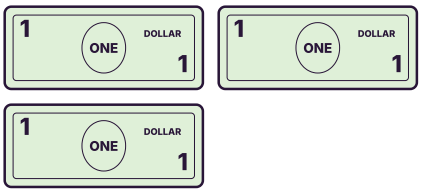
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Total: ☐

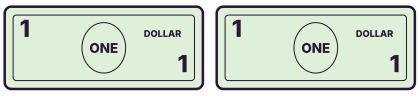
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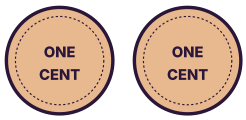




Total: ☐

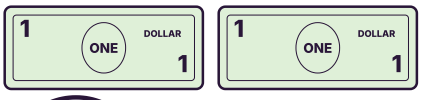
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Total: ☐

6





Total: ☐

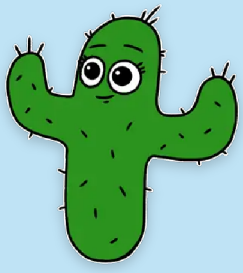
Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–4 · MONEY

Making Change from $1

You pay with $1.00. How much change do you get back? Count up from the price!

Name: _____ **Date:** _____



You buy	Price	You pay	Your change
a sticker	**94¢**	$1.00	
a balloon	**10¢**	$1.00	
a toy car	**20¢**	$1.00	
a bouncy ball	**60¢**	$1.00	
a pencil	**82¢**	$1.00	
a cookie	**23¢**	$1.00	
a juice box	**42¢**	$1.00	
a bookmark	**75¢**	$1.00	
a mini notebook	**95¢**	$1.00	
a apple	**49¢**	$1.00	

Count up: from 65¢, 5¢ more makes 70¢, then 30¢ more makes $1.00. Your change is 35¢.

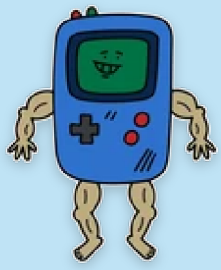
Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–4 · MONEY

Classroom Store

Add up each order. Then find the change from the money paid.

Name: _____ **Date:** _____



Classroom store prices

pencil	$0.25	eraser	$0.40	sticker sheet	$0.75	glue stick	$0.95
crayons	$1.10	ruler	$1.20	notebook	$1.50	markers	$2.35

1 pencil, eraser

Total: _____

You pay **$1.00** . Change: _____

2 sticker sheet, pencil, pencil

Total: _____

You pay **$2.00** . Change: _____

3 notebook, glue stick

Total: _____

You pay **$3.00** . Change: _____

4 markers, ruler

Total: _____

You pay **$5.00** . Change: _____

5 crayons, eraser, sticker sheet

Total: _____

You pay **$5.00** . Change: _____

6 notebook, markers, pencil

Total: _____

You pay **$10.00** . Change: _____

Art © Kevin Coulston

ANSWER KEY · NUMBER TRACING · FOR GROWN-UPS

Answer Key: Number Hunt: Color by Number

Color every number to match the key. Then count how many of each you found.



Color key

3 = red 7 = blue 5 = green 9 = yellow

1	7	1	6	3	6	7	2
3	2	4	9	6	1	8	1
0	3	5	3	5	5	0	1
6	8	3	6	1	7	4	5
1	5	9	8	0	8	9	8
7	7	6	0	7	0	8	9

How many did you find?

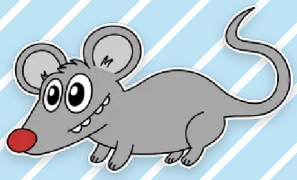
3s: 5 7s: 6 5s: 5 9s: 4

Art © Kevin Coulston

ANSWER KEY · COUNTING · FOR GROWN-UPS

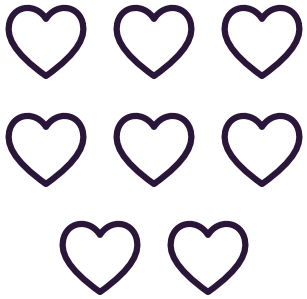
Answer Key: Count and Write

Count the shapes in each box. Write how many.





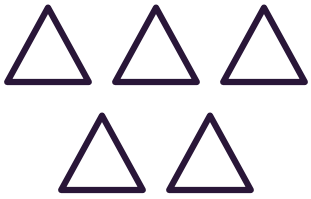
How many? 7



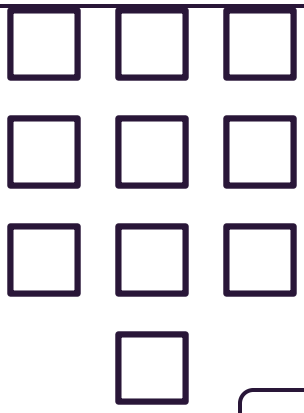
How many? 8



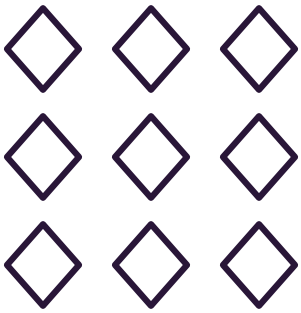
How many? 3



How many? 5



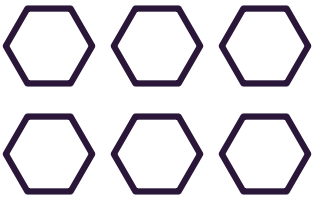
How many? 10



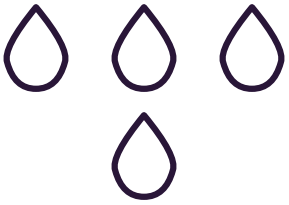
How many? 9



How many? 2



How many? 6



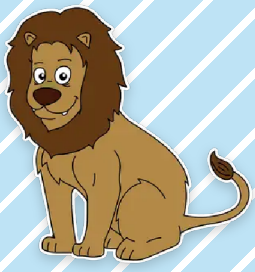
How many? 4

Art © Kevin Coulston

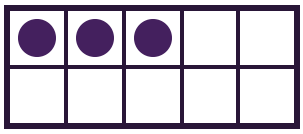
ANSWER KEY · COUNTING · FOR GROWN-UPS

Answer Key: Ten Frame Counting

Count the dots. Write the number. Hint: a full ten frame is 10!

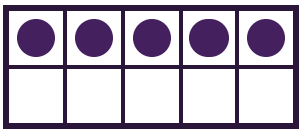


1



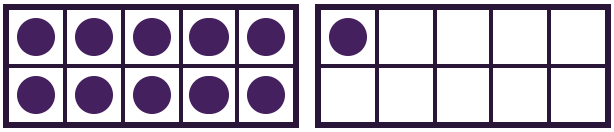
3

2

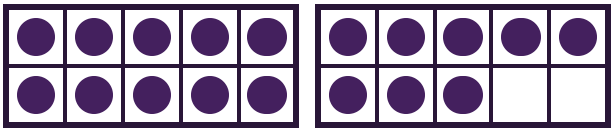


5

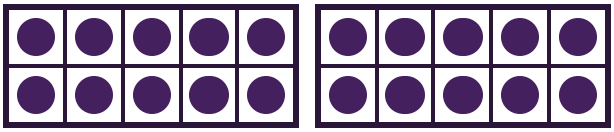
3



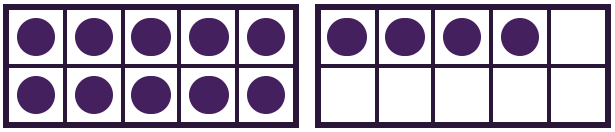
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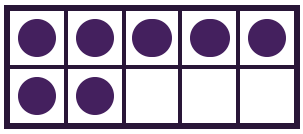
5



6

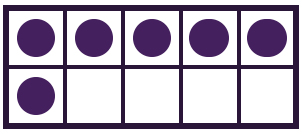


7



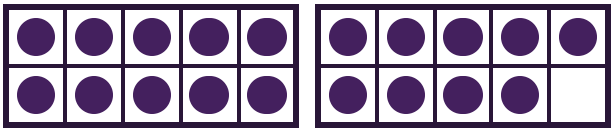
7

8

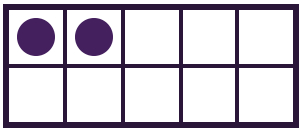


6

9



10



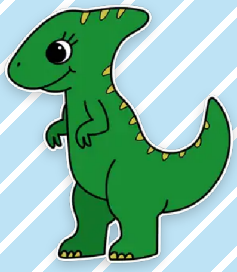
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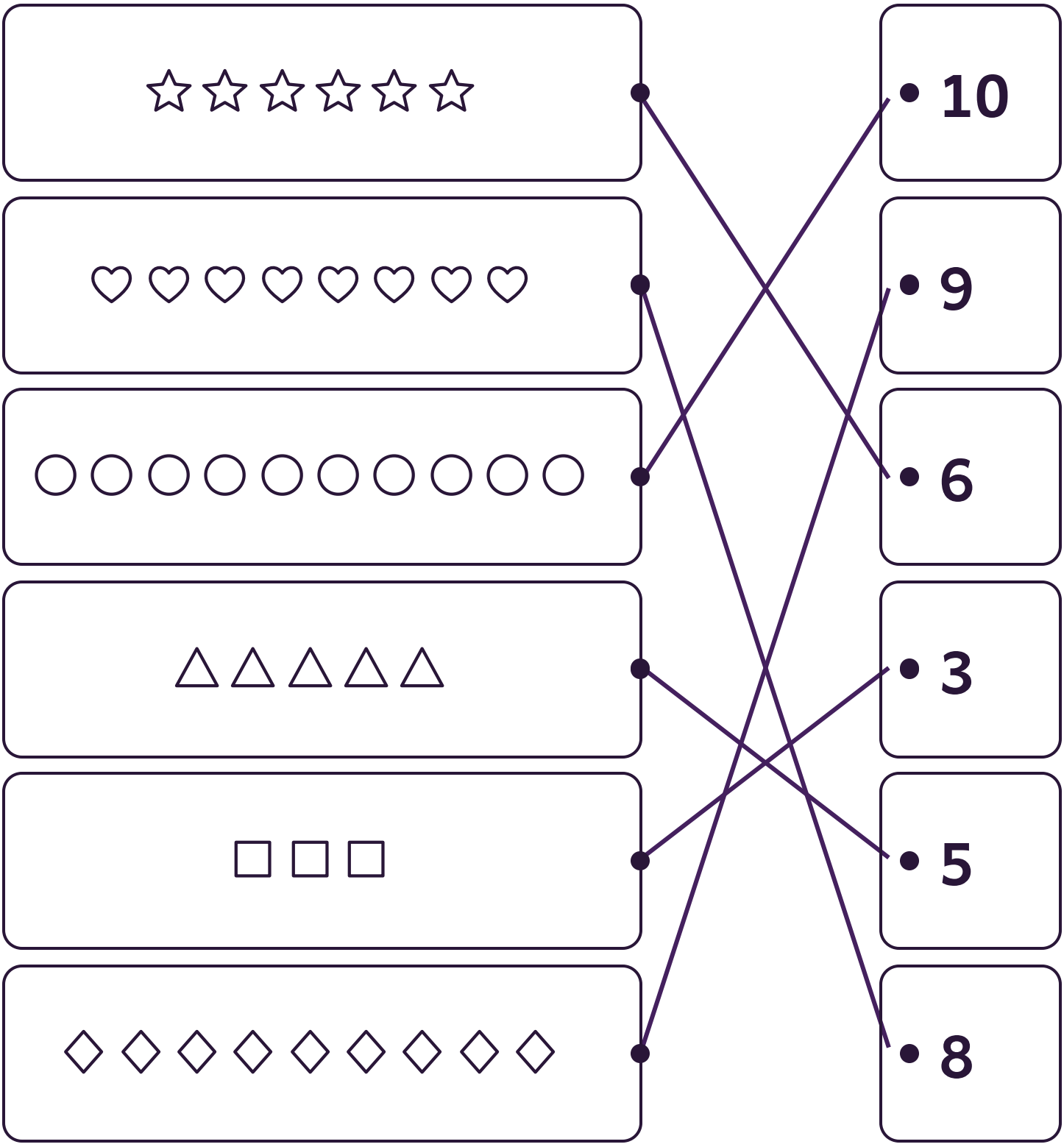
Art © Kevin Coulston

ANSWER KEY · COUNTING · FOR GROWN-UPS

Answer Key: Count and Match

Count each group. Draw a line to the number that matches.





Art © Kevin Coulston

ANSWER KEY · COUNTING · FOR GROWN-UPS

Answer Key: Hundred Chart: Missing Numbers

Count from 1 to 100. Write the missing numbers in the empty squares.



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Tip: each row counts by ones. Each column counts by tens!

Art © Kevin Coulston

ANSWER KEY · COUNTING · FOR GROWN-UPS

Answer Key: Before, After and Between

Write the number that comes before, after or in between.



Just before

19	20
1	2
21	22
3	4
15	16

Just after

29	30
5	6
21	22
13	14
14	15

In between

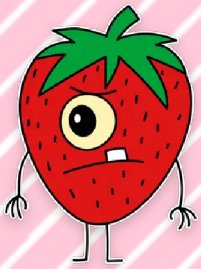
11	12	13
18	19	20
16	17	18
22	23	24
26	27	28

Art © Kevin Coulston

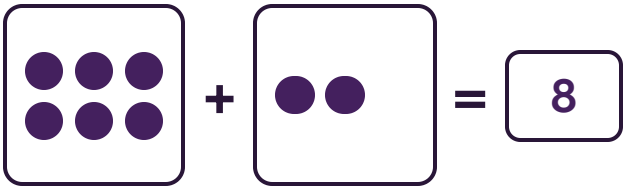
ANSWER KEY · ADDITION & SUBTRACTION · FOR GROWN-UPS

Answer Key: Picture Addition Within 10

Count the dots in each group. Add them together. Write the answer.

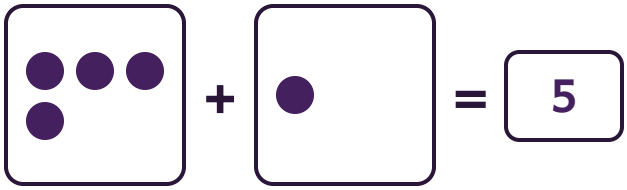


1



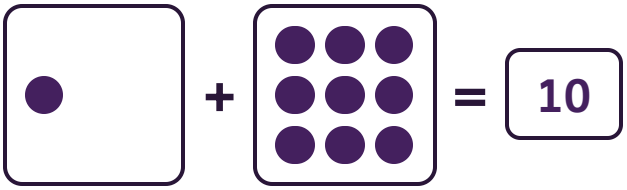
6 + 2 = 8

2



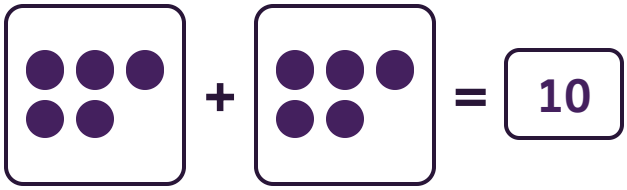
4 + 1 = 5

3



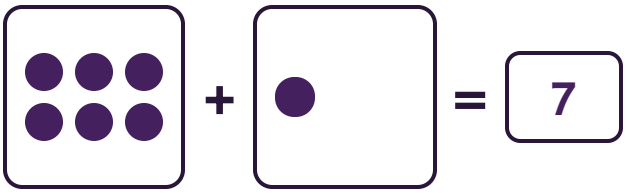
1 + 9 = 10

4



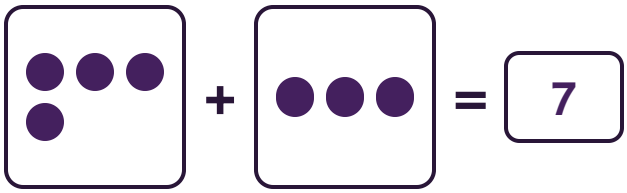
5 + 5 = 10

5



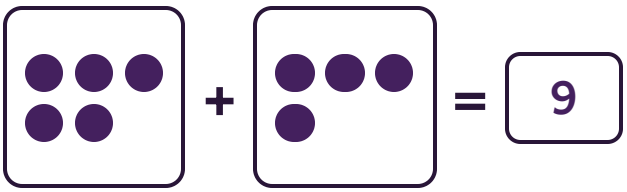
6 + 1 = 7

6



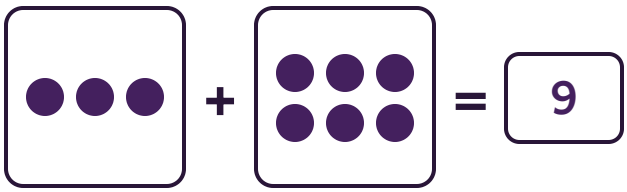
4 + 3 = 7

7



5 + 4 = 9

8



3 + 6 = 9

Art © Kevin Coulston

ANSWER KEY · ADDITION & SUBTRACTION · FOR GROWN-UPS

Answer Key: Addition Facts Within 20

Add. Can you finish all 30 before the timer rings?



1 5 + 3 = 8	2 6 + 1 = 7	3 2 + 2 = 4
4 2 + 8 = 10	5 3 + 7 = 10	6 5 + 2 = 7
7 5 + 4 = 9	8 1 + 4 = 5	9 7 + 1 = 8
10 9 + 7 = 16	11 3 + 10 = 13	12 1 + 6 = 7
13 7 + 11 = 18	14 8 + 4 = 12	15 1 + 2 = 3
16 4 + 2 = 6	17 8 + 1 = 9	18 8 + 10 = 18
19 12 + 7 = 19	20 1 + 9 = 10	21 8 + 3 = 11
22 7 + 3 = 10	23 9 + 8 = 17	24 3 + 5 = 8
25 10 + 2 = 12	26 8 + 5 = 13	27 4 + 9 = 13
28 7 + 2 = 9	29 7 + 6 = 13	30 4 + 3 = 7

Time: _____ **Correct:** _____ **out of 30**

Art © Kevin Coulston

ANSWER KEY · ADDITION & SUBTRACTION · FOR GROWN-UPS

Answer Key: Subtraction Facts Within 20

Subtract. Check a few by adding back!



1 10 − 6 = 4	2 9 − 6 = 3	3 6 − 2 = 4
4 5 − 5 = 0	5 5 − 3 = 2	6 15 − 3 = 12
7 9 − 9 = 0	8 12 − 1 = 11	9 6 − 4 = 2
10 17 − 12 = 5	11 20 − 4 = 16	12 18 − 7 = 11
13 17 − 8 = 9	14 15 − 9 = 6	15 20 − 5 = 15
16 20 − 9 = 11	17 15 − 10 = 5	18 19 − 6 = 13
19 5 − 4 = 1	20 8 − 1 = 7	21 7 − 3 = 4
22 20 − 2 = 18	23 17 − 3 = 14	24 15 − 7 = 8
25 6 − 6 = 0	26 18 − 11 = 7	27 16 − 2 = 14
28 8 − 8 = 0	29 10 − 9 = 1	30 7 − 2 = 5

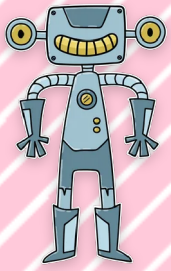
Time: _____ **Correct:** _____ **out of 30**

Art © Kevin Coulston

ANSWER KEY · ADDITION & SUBTRACTION · FOR GROWN-UPS

Answer Key: Two-Digit Addition and Subtraction

Add or subtract. Start with the ones. Regroup when you need to!



1	2	3	4	5
86 − 71 = 15	53 + 20 = 73	94 − 68 = 26	69 + 20 = 89	65 − 14 = 51
6	**7**	**8**	**9**	**10**
82 − 13 = 69	96 − 10 = 86	98 − 60 = 38	66 + 28 = 94	47 + 13 = 60
11	**12**	**13**	**14**	**15**
10 + 41 = 51	52 + 29 = 81	33 + 64 = 97	37 − 27 = 10	23 + 45 = 68
16	**17**	**18**	**19**	**20**
21 + 11 = 32	81 − 47 = 34	76 − 32 = 44	71 + 13 = 84	97 − 82 = 15

Art © Kevin Coulston

ANSWER KEY · ADDITION & SUBTRACTION · FOR GROWN-UPS

Answer Key: Three-Digit Addition and Subtraction

Add or subtract. Line up the ones, tens and hundreds. Regroup when you need to!



1	2	3	4	5
926 − 347 = 579	627 − 313 = 314	144 + 814 = 958	477 + 185 = 662	701 + 196 = 897
6	**7**	**8**	**9**	**10**
309 + 256 = 565	564 − 207 = 357	766 − 123 = 643	325 − 209 = 116	697 − 358 = 339
11	**12**	**13**	**14**	**15**
862 − 129 = 733	850 − 372 = 478	933 − 450 = 483	743 − 354 = 389	868 − 622 = 246

Art © Kevin Coulston

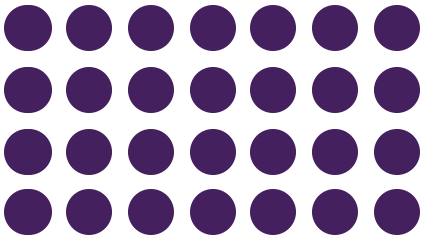
ANSWER KEY · MULTIPLICATION · FOR GROWN-UPS

Answer Key: Multiplication Arrays

Count the rows and the dots in each row. Write the multiplication sentence.



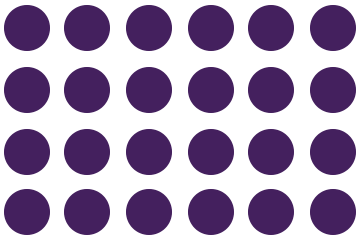
1



4 rows of 7

4 × 7 = 28

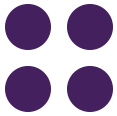
2



4 rows of 6

4 × 6 = 24

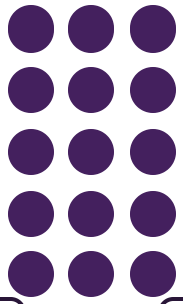
3



2 rows of 2

2 × 2 = 4

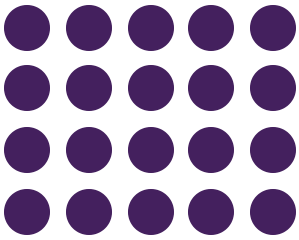
4



5 rows of 3

5 × 3 = 15

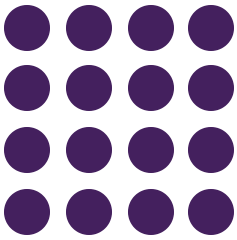
5



4 rows of 5

4 × 5 = 20

6



4 rows of 4

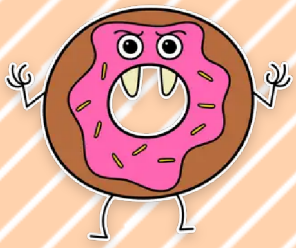
4 × 4 = 16

Art © Kevin Coulston

ANSWER KEY · MULTIPLICATION · FOR GROWN-UPS

Answer Key: Multiplication Facts: 0 to 5

Multiply. Skip count if you get stuck!



1 $1 \times 10 =$ 10	2 $0 \times 8 =$ 0	3 $0 \times 1 =$ 0	4 $4 \times 4 =$ 16
5 $4 \times 3 =$ 12	6 $4 \times 1 =$ 4	7 $5 \times 3 =$ 15	8 $2 \times 0 =$ 0
9 $2 \times 2 =$ 4	10 $4 \times 2 =$ 8	11 $6 \times 3 =$ 18	12 $1 \times 7 =$ 7
13 $6 \times 0 =$ 0	14 $3 \times 8 =$ 24	15 $10 \times 0 =$ 0	16 $2 \times 10 =$ 20
17 $7 \times 0 =$ 0	18 $0 \times 9 =$ 0	19 $2 \times 7 =$ 14	20 $2 \times 1 =$ 2
21 $1 \times 0 =$ 0	22 $7 \times 5 =$ 35	23 $0 \times 5 =$ 0	24 $4 \times 10 =$ 40
25 $2 \times 3 =$ 6	26 $2 \times 6 =$ 12	27 $3 \times 1 =$ 3	28 $3 \times 10 =$ 30
29 $1 \times 1 =$ 1	30 $9 \times 4 =$ 36	31 $4 \times 5 =$ 20	32 $10 \times 2 =$ 20
33 $1 \times 2 =$ 2	34 $7 \times 2 =$ 14	35 $5 \times 2 =$ 10	36 $10 \times 1 =$ 10
37 $1 \times 3 =$ 3	38 $1 \times 5 =$ 5	39 $8 \times 5 =$ 40	40 $3 \times 5 =$ 15

Time: _____ **Correct:** _____ **out of 40**

Art © Kevin Coulston

ANSWER KEY · MULTIPLICATION · FOR GROWN-UPS

Answer Key: Multiplication Facts: 6 to 10

Multiply. Use a fact you know to help with one you don't!



1 $2 \times 6 =$ 12	2 $8 \times 5 =$ 40	3 $7 \times 8 =$ 56	4 $9 \times 10 =$ 90
5 $5 \times 6 =$ 30	6 $4 \times 9 =$ 36	7 $5 \times 8 =$ 40	8 $6 \times 0 =$ 0
9 $6 \times 10 =$ 60	10 $7 \times 4 =$ 28	11 $8 \times 1 =$ 8	12 $9 \times 4 =$ 36
13 $2 \times 9 =$ 18	14 $10 \times 9 =$ 90	15 $3 \times 6 =$ 18	16 $4 \times 8 =$ 32
17 $8 \times 4 =$ 32	18 $6 \times 1 =$ 6	19 $10 \times 4 =$ 40	20 $9 \times 9 =$ 81
21 $3 \times 7 =$ 21	22 $9 \times 1 =$ 9	23 $1 \times 10 =$ 10	24 $2 \times 7 =$ 14
25 $10 \times 10 =$ 100	26 $5 \times 7 =$ 35	27 $7 \times 3 =$ 21	28 $9 \times 6 =$ 54
29 $9 \times 7 =$ 63	30 $8 \times 9 =$ 72	31 $1 \times 7 =$ 7	32 $6 \times 6 =$ 36
33 $7 \times 10 =$ 70	34 $9 \times 8 =$ 72	35 $8 \times 7 =$ 56	36 $7 \times 9 =$ 63
37 $2 \times 10 =$ 20	38 $7 \times 7 =$ 49	39 $7 \times 5 =$ 35	40 $10 \times 1 =$ 10

Time: _____ **Correct:** _____ **out of 40**

Art © Kevin Coulston

ANSWER KEY · MULTIPLICATION · FOR GROWN-UPS

Answer Key: Multiplication Chart Fill-In

Multiply the row number by the column number. Write the products in the empty squares.



×	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

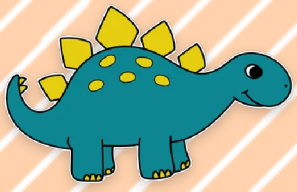
Look for patterns: the 5s end in 5 or 0, the 10s end in 0, and the chart is the same on both sides of the diagonal.

Art © Kevin Coulston

ANSWER KEY · MULTIPLICATION · FOR GROWN-UPS

Answer Key: Two-Digit by One-Digit Multiplication

Multiply. Start with the ones and carry when you need to!



1

$$\begin{array}{r} 25 \\ \times\ 5 \\ \hline 125 \end{array}$$

2

$$\begin{array}{r} 26 \\ \times\ 2 \\ \hline 52 \end{array}$$

3

$$\begin{array}{r} 34 \\ \times\ 9 \\ \hline 306 \end{array}$$

4

$$\begin{array}{r} 29 \\ \times\ 6 \\ \hline 174 \end{array}$$

5

$$\begin{array}{r} 40 \\ \times\ 4 \\ \hline 160 \end{array}$$

6

$$\begin{array}{r} 30 \\ \times\ 9 \\ \hline 270 \end{array}$$

7

$$\begin{array}{r} 75 \\ \times\ 9 \\ \hline 675 \end{array}$$

8

$$\begin{array}{r} 15 \\ \times\ 6 \\ \hline 90 \end{array}$$

9

$$\begin{array}{r} 32 \\ \times\ 6 \\ \hline 192 \end{array}$$

10

$$\begin{array}{r} 34 \\ \times\ 3 \\ \hline 102 \end{array}$$

11

$$\begin{array}{r} 256 \\ \times\ 6 \\ \hline 1536 \end{array}$$

12

$$\begin{array}{r} 163 \\ \times\ 2 \\ \hline 326 \end{array}$$

13

$$\begin{array}{r} 275 \\ \times\ 3 \\ \hline 825 \end{array}$$

14

$$\begin{array}{r} 365 \\ \times\ 6 \\ \hline 2190 \end{array}$$

15

$$\begin{array}{r} 156 \\ \times\ 3 \\ \hline 468 \end{array}$$

Art © Kevin Coulston

ANSWER KEY · DIVISION · FOR GROWN-UPS

Answer Key: Division with Equal Groups



Circle groups of the size shown. How many groups did you make? Write the answer.

1

10 dots. Circle groups of **2**.



$10 \div 2 =$ **5**

2

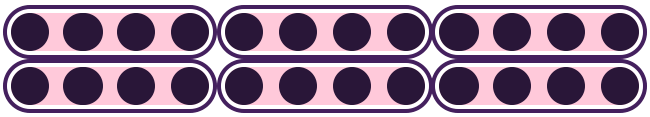
8 dots. Circle groups of **4**.



$8 \div 4 =$ **2**

3

24 dots. Circle groups of **4**.



$24 \div 4 =$ **6**

4

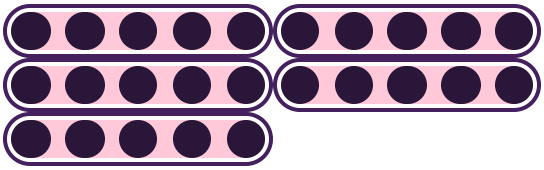
4 dots. Circle groups of **2**.



$4 \div 2 =$ **2**

5

25 dots. Circle groups of **5**.



$25 \div 5 =$ **5**

6

6 dots. Circle groups of **2**.



$6 \div 2 =$ **3**

Art © Kevin Coulston

ANSWER KEY · DIVISION · FOR GROWN-UPS

Answer Key: Division Facts: Divide by 1 to 5

Divide. Think: what times the divisor makes the big number?



1 5 ÷ 1 = 5	2 21 ÷ 3 = 7	3 6 ÷ 3 = 2	4 36 ÷ 4 = 9
5 24 ÷ 3 = 8	6 15 ÷ 3 = 5	7 10 ÷ 1 = 10	8 16 ÷ 2 = 8
9 20 ÷ 2 = 10	10 32 ÷ 4 = 8	11 25 ÷ 5 = 5	12 10 ÷ 2 = 5
13 7 ÷ 1 = 7	14 2 ÷ 2 = 1	15 40 ÷ 5 = 8	16 8 ÷ 1 = 8
17 18 ÷ 3 = 6	18 30 ÷ 5 = 6	19 8 ÷ 2 = 4	20 12 ÷ 4 = 3
21 14 ÷ 2 = 7	22 4 ÷ 1 = 4	23 3 ÷ 3 = 1	24 9 ÷ 1 = 9
25 6 ÷ 2 = 3	26 40 ÷ 4 = 10	27 50 ÷ 5 = 10	28 28 ÷ 4 = 7
29 16 ÷ 4 = 4	30 9 ÷ 3 = 3	31 10 ÷ 5 = 2	32 2 ÷ 1 = 2
33 35 ÷ 5 = 7	34 45 ÷ 5 = 9	35 4 ÷ 2 = 2	36 8 ÷ 4 = 2
37 4 ÷ 4 = 1	38 1 ÷ 1 = 1	39 24 ÷ 4 = 6	40 12 ÷ 2 = 6

Time: _____ **Correct:** _____ **out of 40**

Art © Kevin Coulston

ANSWER KEY · DIVISION · FOR GROWN-UPS

Answer Key: Division Facts: Divide by 6 to 10

Divide. Think: what times the divisor makes the big number?



1 40 ÷ 8 = 5	2 90 ÷ 10 = 9	3 18 ÷ 6 = 3	4 30 ÷ 10 = 3
5 42 ÷ 6 = 7	6 35 ÷ 7 = 5	7 60 ÷ 10 = 6	8 81 ÷ 9 = 9
9 12 ÷ 6 = 2	10 60 ÷ 6 = 10	11 32 ÷ 8 = 4	12 36 ÷ 6 = 6
13 72 ÷ 8 = 9	14 48 ÷ 8 = 6	15 54 ÷ 6 = 9	16 50 ÷ 10 = 5
17 24 ÷ 8 = 3	18 56 ÷ 8 = 7	19 20 ÷ 10 = 2	20 48 ÷ 6 = 8
21 14 ÷ 7 = 2	22 80 ÷ 10 = 8	23 49 ÷ 7 = 7	24 45 ÷ 9 = 5
25 63 ÷ 7 = 9	26 56 ÷ 7 = 8	27 21 ÷ 7 = 3	28 7 ÷ 7 = 1
29 100 ÷ 10 = 10	30 30 ÷ 6 = 5	31 90 ÷ 9 = 10	32 24 ÷ 6 = 4
33 70 ÷ 10 = 7	34 70 ÷ 7 = 10	35 72 ÷ 9 = 8	36 18 ÷ 9 = 2
37 28 ÷ 7 = 4	38 40 ÷ 10 = 4	39 42 ÷ 7 = 6	40 54 ÷ 9 = 6

Time: _____ **Correct:** _____ **out of 40**

Art © Kevin Coulston

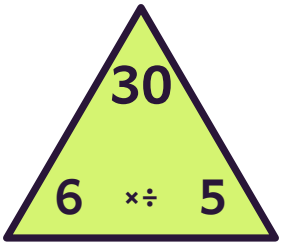
ANSWER KEY · DIVISION · FOR GROWN-UPS

Answer Key: Fact Families: Multiply and Divide

Use the three numbers to write two multiplication facts and two division facts.



1



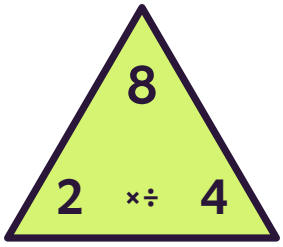
6 × 5 = 30

5 × 6 = 30

30 ÷ 6 = 5

30 ÷ 5 = 6

2



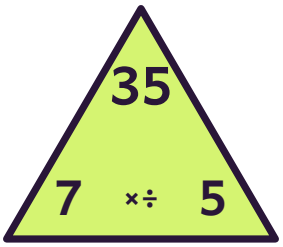
2 × 4 = 8

4 × 2 = 8

8 ÷ 2 = 4

8 ÷ 4 = 2

3



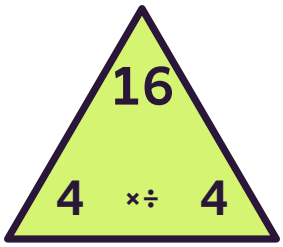
7 × 5 = 35

5 × 7 = 35

35 ÷ 7 = 5

35 ÷ 5 = 7

4



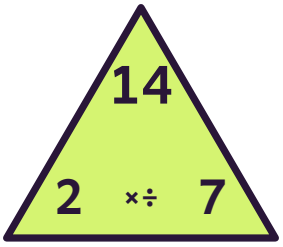
4 × 4 = 16

4 × 4 = 16

16 ÷ 4 = 4

16 ÷ 4 = 4

5



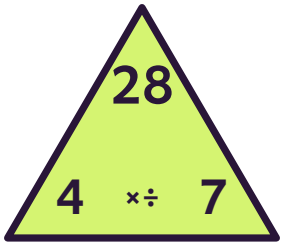
2 × 7 = 14

7 × 2 = 14

14 ÷ 2 = 7

14 ÷ 7 = 2

6



4 × 7 = 28

7 × 4 = 28

28 ÷ 4 = 7

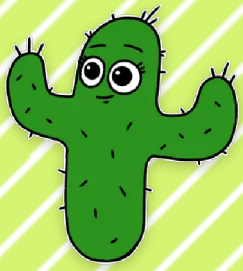
28 ÷ 7 = 4

Art © Kevin Coulston

ANSWER KEY · DIVISION · FOR GROWN-UPS

Answer Key: Long Division with Remainders

Divide, multiply, subtract, bring down. Write any remainder with an R.



1 81 R7 — $8\overline{)655}$

2 20 R2 — $3\overline{)62}$

3 101 R4 — $5\overline{)509}$

4 19 R1 — $3\overline{)58}$

5 30 — $2\overline{)60}$

6 94 R4 — $5\overline{)474}$

7 193 R1 — $4\overline{)773}$

8 13 R1 — $6\overline{)79}$

9 15 R5 — $6\overline{)95}$

10 14 R5 — $6\overline{)89}$

11 13 R3 — $6\overline{)81}$

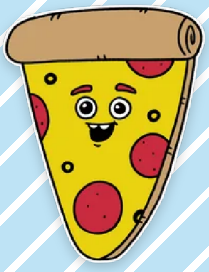
12 62 R1 — $7\overline{)435}$

Art © Kevin Coulston

ANSWER KEY · FRACTIONS · FOR GROWN-UPS

Answer Key: Name the Fraction

How many equal parts? How many are shaded? Write the fraction.

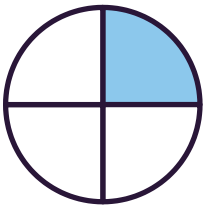


1



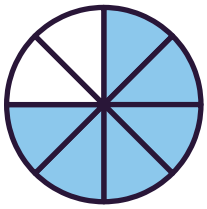
$\frac{1}{4}$

2



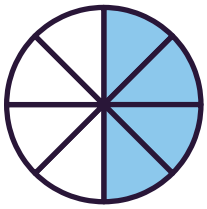
$\frac{1}{4}$

3



$\frac{6}{8}$

4



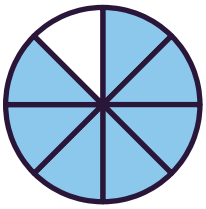
$\frac{4}{8}$

5



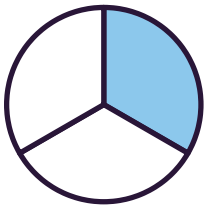
$\frac{1}{5}$

6



$\frac{7}{8}$

7



$\frac{1}{3}$

8



$\frac{3}{4}$

9



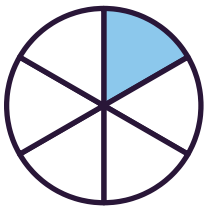
$\frac{2}{5}$

10



$\frac{5}{6}$

11



$\frac{1}{6}$

12



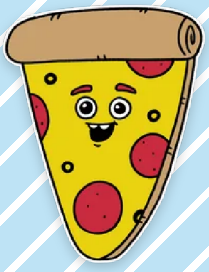
$\frac{6}{8}$

Art © Kevin Coulston

ANSWER KEY · FRACTIONS · FOR GROWN-UPS

Answer Key: Color the Fraction

Read the fraction. Color that many equal parts.

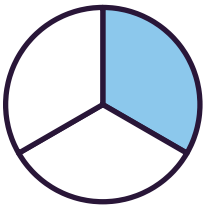


1



$\frac{5}{8}$

2



$\frac{1}{3}$

3



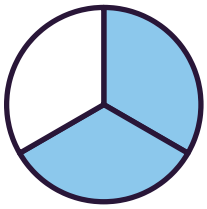
$\frac{2}{4}$

4



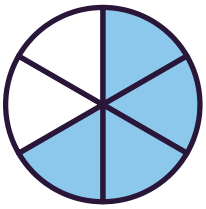
$\frac{1}{5}$

5



$\frac{2}{3}$

6



$\frac{4}{6}$

7



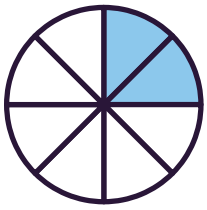
$\frac{1}{4}$

8



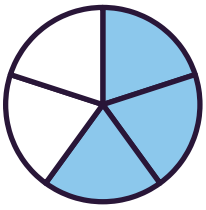
$\frac{2}{3}$

9



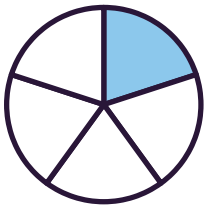
$\frac{2}{8}$

10



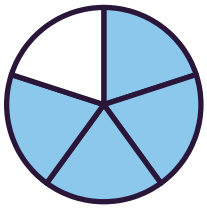
$\frac{3}{5}$

11



$\frac{1}{5}$

12



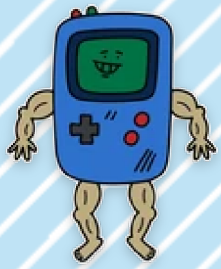
$\frac{4}{5}$

Art © Kevin Coulston

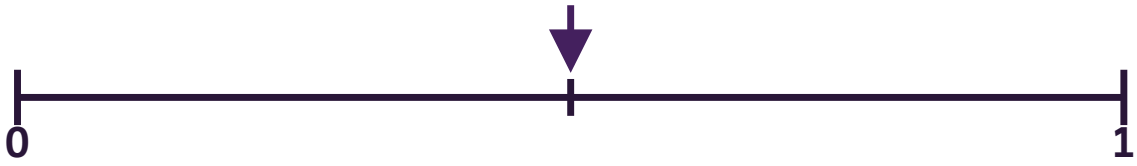
ANSWER KEY · FRACTIONS · FOR GROWN-UPS

Answer Key: Fractions on a Number Line

Count the equal jumps from 0 to 1. Write the fraction at the arrow.



1



$\frac{1}{2}$

2



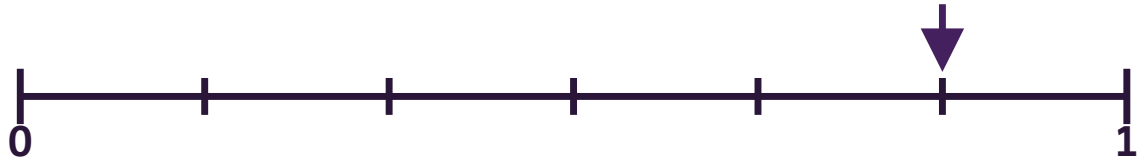
$\frac{1}{3}$

3



$\frac{1}{4}$

4



$\frac{5}{6}$

5



$\frac{3}{8}$

6



$\frac{1}{4}$

7



$\frac{2}{3}$

Art © Kevin Coulston

ANSWER KEY · FRACTIONS · FOR GROWN-UPS

Answer Key: Compare Fractions

Shade each fraction bar. Write <, > or = in the circle.



1 $\frac{7}{8}$ > $\frac{2}{6}$

2 $\frac{7}{8}$ > $\frac{4}{8}$

3 $\frac{1}{6}$ > $\frac{1}{8}$

4 $\frac{2}{6}$ = $\frac{1}{3}$

5 $\frac{2}{3}$ = $\frac{4}{6}$

6 $\frac{2}{3}$ > $\frac{1}{2}$

7 $\frac{1}{6}$ < $\frac{5}{6}$

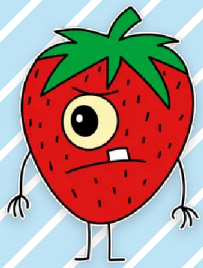
8 $\frac{1}{3}$ > $\frac{1}{6}$

Art © Kevin Coulston

ANSWER KEY · FRACTIONS · FOR GROWN-UPS

Answer Key: Equivalent Fractions

Use the fraction wall. Fill in the missing number so the fractions are equal.



Fraction wall

1											
$\frac{1}{2}$						$\frac{1}{2}$					
$\frac{1}{3}$				$\frac{1}{3}$				$\frac{1}{3}$			
$\frac{1}{4}$				$\frac{1}{4}$				$\frac{1}{4}$			
$\frac{1}{6}$				$\frac{1}{6}$				$\frac{1}{6}$			
$\frac{1}{8}$				$\frac{1}{8}$				$\frac{1}{8}$			
$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$

1

$$\frac{1}{2} = \frac{4}{8}$$

2

$$\frac{1}{2} = \frac{3}{6}$$

3

$$\frac{1}{2} = \frac{3}{6}$$

4

$$\frac{1}{3} = \frac{4}{12}$$

5

$$\frac{1}{2} = \frac{6}{12}$$

6

$$\frac{5}{6} = \frac{10}{12}$$

7

$$\frac{1}{3} = \frac{2}{6}$$

8

$$\frac{1}{4} = \frac{3}{12}$$

9

$$\frac{1}{6} = \frac{2}{12}$$

10

$$\frac{1}{2} = \frac{2}{4}$$

11

$$\frac{2}{3} = \frac{8}{12}$$

12

$$\frac{1}{4} = \frac{2}{8}$$

Art © Kevin Coulston

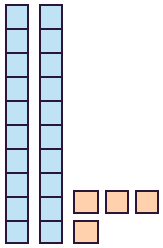
ANSWER KEY · PLACE VALUE · FOR GROWN-UPS

Answer Key: Tens and Ones

Count the tens (long bars) and the ones (small cubes). Write the number.

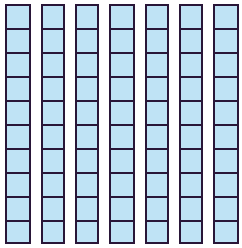


1



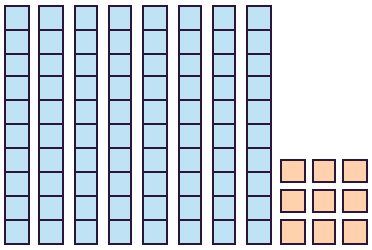
2 tens
4 ones
= 24

2



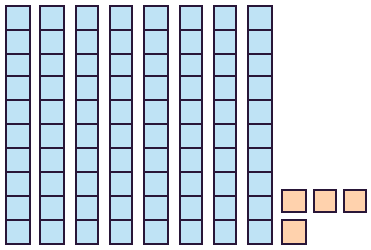
7 tens
0 ones
= 70

3



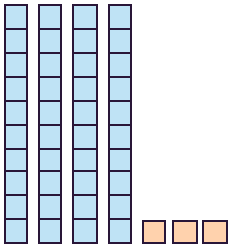
8 tens
9 ones
= 89

4



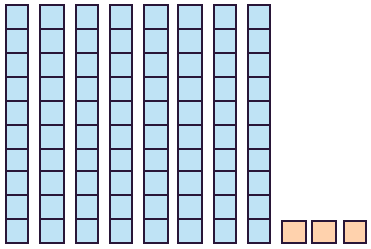
8 tens
4 ones
= 84

5



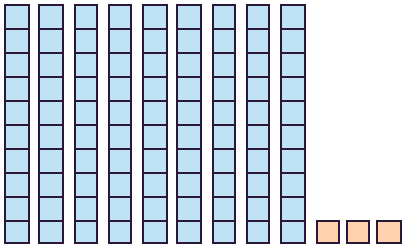
4 tens
3 ones
= 43

6



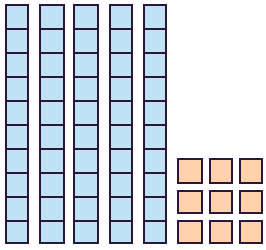
8 tens
3 ones
= 83

7



9 tens
3 ones
= 93

8



5 tens
9 ones
= 59

Art © Kevin Coulston

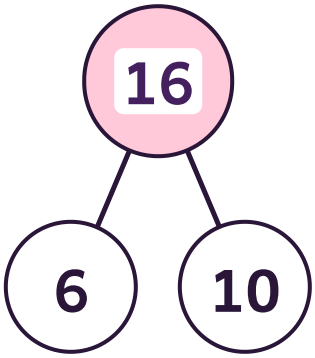
ANSWER KEY · PLACE VALUE · FOR GROWN-UPS

Answer Key: Number Bonds Within 20

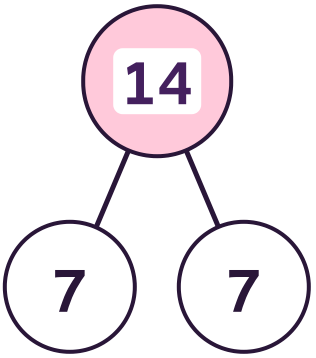
The two parts make the whole. Write the missing number.



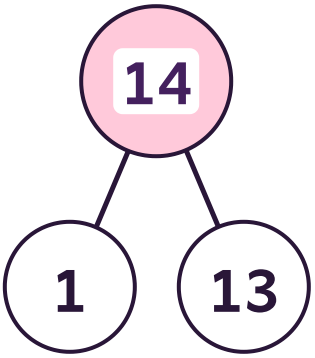
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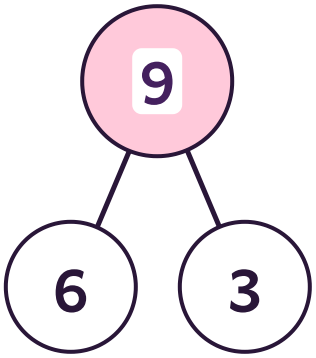
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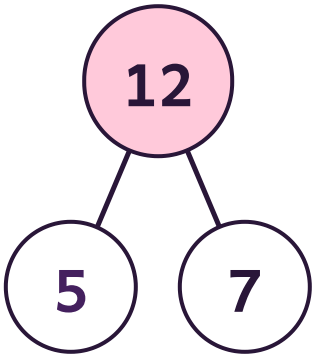
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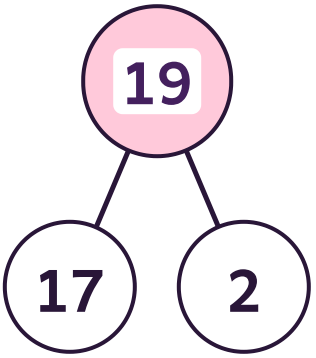
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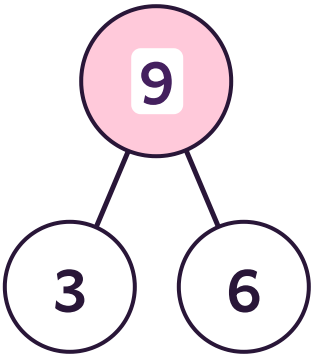
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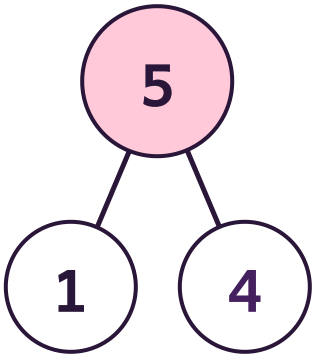
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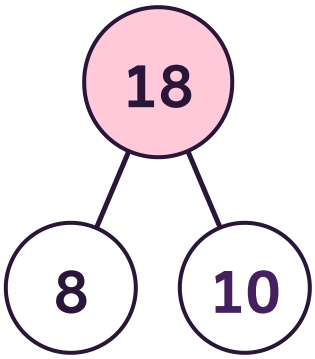
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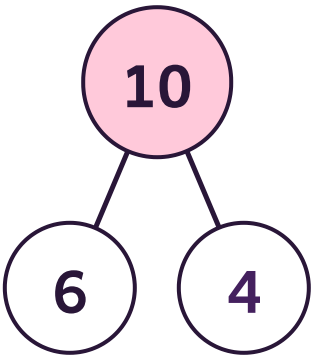
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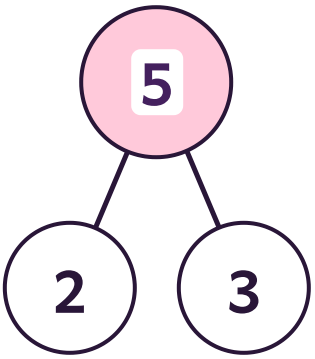
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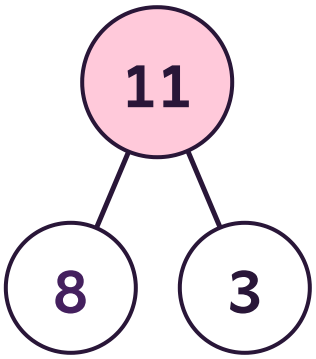
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11



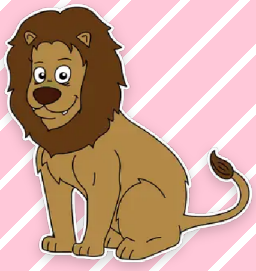
12



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ANSWER KEY · PLACE VALUE · FOR GROWN-UPS

Answer Key: Hundreds, Tens and Ones



Write how many hundreds, tens and ones. Then write the number in expanded form.

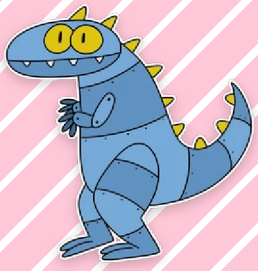
Number	Hundreds	Tens	Ones	Expanded form
623	6	2	3	600 + 20 + 3
894	8	9	4	800 + 90 + 4
903	9	0	3	900 + 3
667	6	6	7	600 + 60 + 7
671	6	7	1	600 + 70 + 1
297	2	9	7	200 + 90 + 7
700	7	0	0	700
424	4	2	4	400 + 20 + 4
220	2	2	0	200 + 20
287	2	8	7	200 + 80 + 7

Art © Kevin Coulston

ANSWER KEY · PLACE VALUE · FOR GROWN-UPS

Answer Key: Expanded Form and Word Form

Fill in each row. Write the number in standard form, expanded form and word form.



Standard form	Expanded form	Word form
1,345	1,000 + 300 + 40 + 5	one thousand three hundred forty-five
5,838	5,000 + 800 + 30 + 8	five thousand eight hundred thirty-eight
6,295	6,000 + 200 + 90 + 5	six thousand two hundred ninety-five
9,609	9,000 + 600 + 9	nine thousand six hundred nine
71,209	70,000 + 1,000 + 200 + 9	seventy-one thousand two hundred nine
34,918	30,000 + 4,000 + 900 + 10 + 8	thirty-four thousand nine hundred eighteen
90,153	90,000 + 100 + 50 + 3	ninety thousand one hundred fifty-three
91,962	90,000 + 1,000 + 900 + 60 + 2	ninety-one thousand nine hundred sixty-two

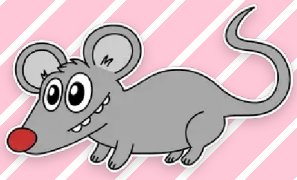
Standard form: 4,562. Expanded form: 4,000 + 500 + 60 + 2. Word form: four thousand five hundred sixty-two.

Art © Kevin Coulston

ANSWER KEY · PLACE VALUE · FOR GROWN-UPS

Answer Key: Rounding to 10, 100 and 1,000

Look at the digit to the right. 5 or more? Round up. 4 or less? Round down.



Number	Nearest 10	Nearest 100	Nearest 1,000
1,162	1,160	1,200	1,000
3,202	3,200	3,200	3,000
5,684	5,680	5,700	6,000
8,816	8,820	8,800	9,000
6,369	6,370	6,400	6,000
6,901	6,900	6,900	7,000

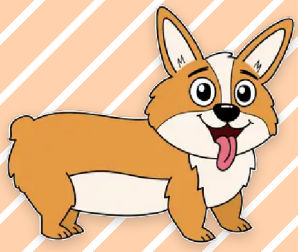
Example: 4,672 rounds to 4,670 (nearest 10), 4,700 (nearest 100) and 5,000 (nearest 1,000).

Art © Kevin Coulston

ANSWER KEY · WORD PROBLEMS · FOR GROWN-UPS

Answer Key: Word Problems: 1st Grade

Read each problem. Draw a picture or write a number sentence. Write the answer.



1 Maya has 8 stickers. Her friend gives her 5 more. How many stickers does Maya have now?

Answer: 13 **stickers**

2 There are 15 ducks in the pond. 7 ducks fly away. How many ducks are left?

Answer: 8 **ducks**

3 Leo drew 6 robots on Monday and 9 robots on Tuesday. How many robots did he draw in all?

Answer: 15 **robots**

4 A box has 12 crayons. 4 crayons are broken. How many crayons are not broken?

Answer: 8 **crayons**

5 Sam read 7 books. Ava read 3 more books than Sam. How many books did Ava read?

Answer: 10 **books**

6 There were 9 cupcakes on a plate. Now there are 2. How many cupcakes were eaten?

Answer: 7 **cupcakes**

Art © Kevin Coulston

ANSWER KEY · WORD PROBLEMS · FOR GROWN-UPS

Answer Key: Word Problems: 2nd Grade

Read each problem. Show your work in the box. Write the answer.



1 The class collected 46 cans on Monday and 38 cans on Tuesday. How many cans did they collect in all?

Answer: 84 cans

2 A book has 72 pages. Nina has read 45 pages. How many pages does she have left to read?

Answer: 27 pages

3 There are 54 kids at the park. 19 kids go home. How many kids are still at the park?

Answer: 35 kids

4 Ben has 25 marbles. Jada has 18 more marbles than Ben. How many marbles does Jada have?

Answer: 43 marbles

5 A pencil costs 35¢ and an eraser costs 28¢. How much do they cost together?

Answer: 63¢

6 Ms. Lee had 90 stickers. She gave out 34 in the morning and 27 in the afternoon. How many stickers are left?

Answer: 29 stickers

Art © Kevin Coulston

ANSWER KEY · WORD PROBLEMS · FOR GROWN-UPS

Answer Key: Word Problems: 3rd Grade

Read each problem. Multiply or divide? Show your work. Write the answer.



1 There are 6 tables in the art room. Each table has 4 chairs. How many chairs are there?

Answer: 24 **chairs**

2 32 kids line up in 4 equal teams. How many kids are on each team?

Answer: 8 **kids**

3 A pack has 8 markers. Mr. Diaz buys 7 packs. How many markers does he buy?

Answer: 56 **markers**

4 45 cookies are put in bags of 5. How many bags are filled?

Answer: 9 **bags**

5 A garden has 9 rows with 6 plants in each row. How many plants are in the garden?

Answer: 54 **plants**

6 Zoe has 28 photos. She puts 7 photos on each page of her album. How many pages does she fill?

Answer: 4 **pages**

Art © Kevin Coulston

ANSWER KEY · WORD PROBLEMS · FOR GROWN-UPS

Answer Key: Word Problems: 4th Grade

Read each problem twice. Plan the steps. Show your work. Write the answer.



1 A school orders 12 boxes of pencils with 24 pencils in each box. It gives 150 pencils to the 4th grade. How many pencils are left?

Answer: 138 **pencils**

2 Tickets cost $8 for kids and $12 for adults. How much do 3 kids and 2 adults pay in all?

Answer: $48

3 A farmer has 156 eggs. He packs them in cartons of 12. How many cartons does he fill?

Answer: 13 **cartons**

4 Lily reads 35 pages a day for 6 days. Her book has 250 pages. How many pages does she still have to read?

Answer: 40 **pages**

5 98 students go on a field trip. Each bus holds 40 students. How many buses do they need?

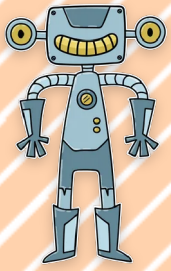
Answer: 3 **buses**

Art © Kevin Coulston

ANSWER KEY · WORD PROBLEMS · FOR GROWN-UPS

Answer Key: Word Problems: 5th Grade

Read each problem twice. Show your work. Write the answer with its unit.



1 Jon ran 2 1/2 miles on Monday and 1 3/4 miles on Tuesday. How far did he run in all?

Answer: 4 1/4 miles

2 A notebook costs $2.45. How much do 4 notebooks cost?

Answer: $9.80

3 A recipe needs 3/4 cup of flour. How much flour is needed for 2 batches?

Answer: 1 1/2 cups

4 A ribbon is 3.6 meters long. It is cut into 4 equal pieces. How long is each piece?

Answer: 0.9 meters

5 Maria had $20.00. She bought a book for $7.85 and a pen for $1.50. How much money does she have left?

Answer: $10.65

Art © Kevin Coulston

ANSWER KEY · TELLING TIME · FOR GROWN-UPS

Answer Key: Telling Time to the Hour

Look at the short hour hand. The long minute hand points to 12. Write the time.



1



7:00

2



2:00

3



11:00

4



10:00

5



1:00

6



12:00

7



3:00

8



6:00

9



9:00

10



8:00

11



4:00

12



5:00

Art © Kevin Coulston

ANSWER KEY · TELLING TIME · FOR GROWN-UPS

Answer Key: Draw the Time: Hour and Half Hour

Draw the short hour hand and the long minute hand to show each time.



1



12:00

2



5:00

3



6:00

4



4:00

5



3:00

6



2:30

7



7:30

8



10:30

9



1:30

10



11:30

11



8:00

12



9:30

Art © Kevin Coulston

ANSWER KEY · TELLING TIME · FOR GROWN-UPS

Answer Key: Telling Time to Five Minutes

Read the hour hand. Count by fives for the minute hand. Write the time.



1



11:30

2



1:50

3



7:30

4



8:45

5



3:45

6



3:20

7



7:15

8



12:40

9



11:10

10



3:25

11



3:15

12



11:55

Art © Kevin Coulston

ANSWER KEY · TELLING TIME · FOR GROWN-UPS

Answer Key: Telling Time to the Minute

Read the hour hand. Count by fives, then by ones. Write the time.



1



3:58

2



12:54

3



11:29

4



7:56

5



9:26

6



1:02

7



10:27

8



11:41

9



5:27

10



5:49

11



6:51

12



12:22

Art © Kevin Coulston

ANSWER KEY · TELLING TIME · FOR GROWN-UPS

Answer Key: Elapsed Time

Write the start time and the end time. How much time passed?



1

Start



End



Start: 9:30

End: 10:10

Time passed: 40 min

2

Start



End



Start: 11:45

End: 12:55

Time passed: 1 h 10 min

3

Start



End



Start: 10:35

End: 12:25

Time passed: 1 h 50 min

4

Start



End



Start: 9:50

End: 12:10

Time passed: 2 h 20 min

5

Start



End



Start: 7:05

End: 8:20

Time passed: 1 h 15 min

6

Start



End



Start: 7:20

End: 8:25

Time passed: 1 h 5 min

7. Art class starts at 1:20 and ends at 2:05. How long is art class? 45 minutes

8. Recess starts at 10:15 and lasts 25 minutes. What time does recess end? 10:40

Art © Kevin Coulston

ANSWER KEY · MONEY · FOR GROWN-UPS

Answer Key: Coin Values

Look at the coin key. Write the value of each coin in cents.



Coin key



penny

1¢



nickel

5¢



dime

10¢



quarter

25¢



1¢



10¢



25¢



1¢



10¢



5¢



10¢



10¢



1¢



25¢



1¢



10¢



10¢





1¢



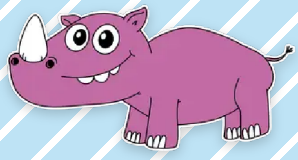
1¢

Art © Kevin Coulston

ANSWER KEY · MONEY · FOR GROWN-UPS

Answer Key: Count the Coins

Count the coins. Start with the coin worth the most. Write the total in cents.



1 QUARTER DOLLAR · QUARTER DOLLAR · FIVE CENTS · FIVE CENTS

Total: 60¢

2 QUARTER DOLLAR · FIVE CENTS · FIVE CENTS · ONE CENT

Total: 36¢

3 ONE DIME · ONE DIME · ONE DIME · FIVE CENTS · ONE CENT · ONE CENT

Total: 37¢

4 QUARTER DOLLAR · ONE DIME · ONE DIME · ONE DIME · FIVE CENTS · FIVE CENTS

Total: 65¢

5 FIVE CENTS · FIVE CENTS · FIVE CENTS · ONE CENT · ONE CENT · ONE CENT

Total: 18¢

6 QUARTER DOLLAR · FIVE CENTS · ONE CENT

Total: 31¢

7 FIVE CENTS · FIVE CENTS · FIVE CENTS · FIVE CENTS · ONE CENT · ONE CENT

Total: 22¢

8 QUARTER DOLLAR · ONE DIME · FIVE CENTS · FIVE CENTS · FIVE CENTS · ONE CENT

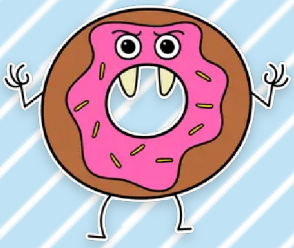
Total: 51¢

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ANSWER KEY · MONEY · FOR GROWN-UPS

Answer Key: Count Bills and Coins

Count the bills first, then the coins. Write the total with a $ and a dot.



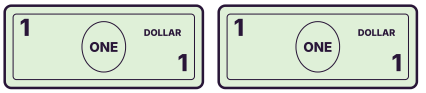
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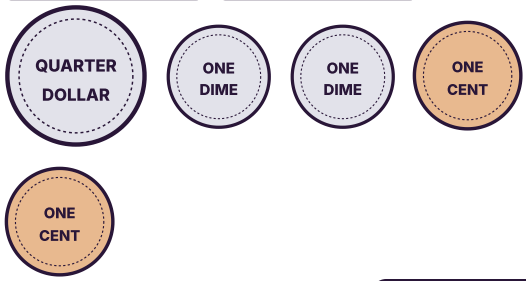




Total: $1.32

2





Total: $2.47

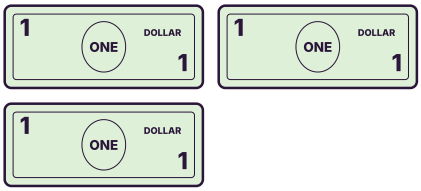
3





Total: $5.26

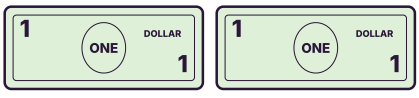
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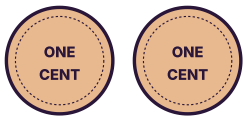




Total: $3.06

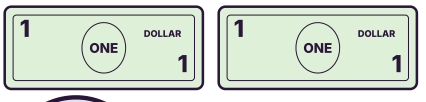
5





Total: $2.02

6





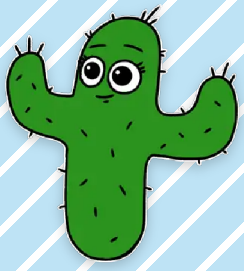
Total: $2.42

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ANSWER KEY · MONEY · FOR GROWN-UPS

Answer Key: Making Change from $1

You pay with $1.00. How much change do you get back? Count up from the price!



You buy	Price	You pay	Your change
a sticker	**94¢**	$1.00	**6¢**
a balloon	**10¢**	$1.00	**90¢**
a toy car	**20¢**	$1.00	**80¢**
a bouncy ball	**60¢**	$1.00	**40¢**
a pencil	**82¢**	$1.00	**18¢**
a cookie	**23¢**	$1.00	**77¢**
a juice box	**42¢**	$1.00	**58¢**
a bookmark	**75¢**	$1.00	**25¢**
a mini notebook	**95¢**	$1.00	**5¢**
a apple	**49¢**	$1.00	**51¢**

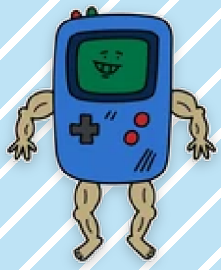
Count up: from 65¢, 5¢ more makes 70¢, then 30¢ more makes $1.00. Your change is 35¢.

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ANSWER KEY · MONEY · FOR GROWN-UPS

Answer Key: Classroom Store

Add up each order. Then find the change from the money paid.



Classroom store prices

pencil	$0.25	eraser	$0.40	sticker sheet	$0.75	glue stick	$0.95
crayons	$1.10	ruler	$1.20	notebook	$1.50	markers	$2.35

1 pencil, eraser

Total: $0.65

You pay **$1.00** . Change: $0.35

2 sticker sheet, pencil, pencil

Total: $1.25

You pay **$2.00** . Change: $0.75

3 notebook, glue stick

Total: $2.45

You pay **$3.00** . Change: $0.55

4 markers, ruler

Total: $3.55

You pay **$5.00** . Change: $1.45

5 crayons, eraser, sticker sheet

Total: $2.25

You pay **$5.00** . Change: $2.75

6 notebook, markers, pencil

Total: $4.10

You pay **$10.00** . Change: $5.90

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