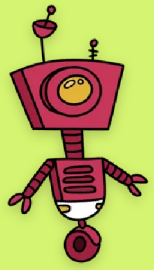
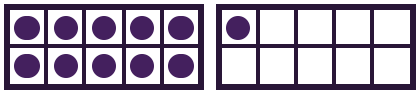
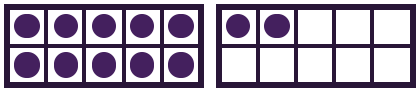
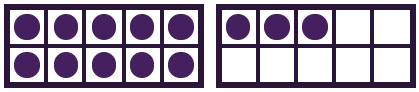
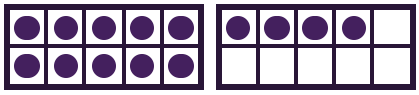
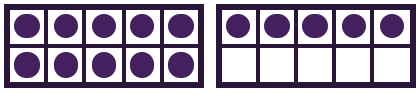
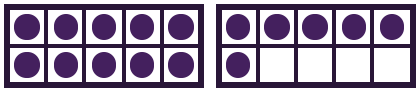
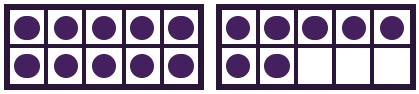
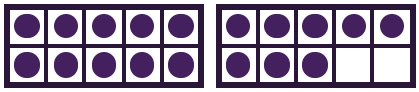
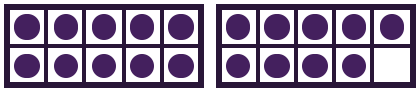
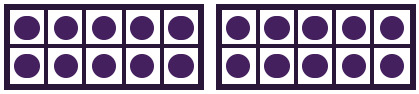
MATH WORKSHEET · GRADES K–1 · NUMBER TRACING

Number Words: Eleven to Twenty

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

Name: _____ **Date:** _____



11		eleven eleven
12		twelve twelve
13		thirteen thirteen
14		fourteen fourteen
15		fifteen fifteen
16		sixteen sixteen
17		seventeen seventeen
18		eighteen eighteen
19		nineteen nineteen
20		twenty twenty

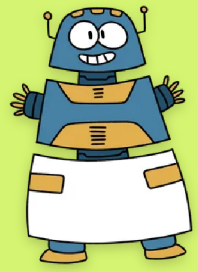
Art © Kevin Coulston

MATH WORKSHEET · GRADES K–1 · NUMBER TRACING

Trace and Count by Tens

Trace each number. Count the rods of ten out loud: 10, 20, 30...

Name: _____ **Date:** _____



10 10 10

20 20 20

30 30 30

40 40 40

50 50 50

60 60 60

70 70 70

80 80 80

90 90 90

100 100 100

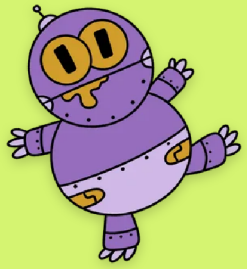
Art © Kevin Coulston

MATH WORKSHEET · GRADES K–1 · NUMBER TRACING

Number Path Maze: 1 to 20

Start at 1. Color 2, then 3, then 4... all the way to 20 to reach the Finish.

Name: _____ **Date:** _____



Start ↓

1	5	12	10	11	12
2	10	8	9	6	13
3	3	7	15	15	14
4	5	6	18	16	6
18	2	15	3	17	18
5	12	12	15	17	19
18	3	3	3	9	20

Finish ↑

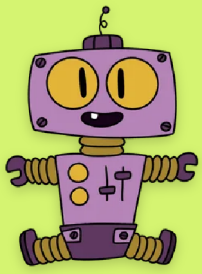
Art © Kevin Coulston

MATH WORKSHEET · GRADES K–1 · NUMBER TRACING

Match Numbers, Words and Dots

Draw a line from each number to its word. Then draw a line from the word to the dots that match.

Name: _____ **Date:** _____



2	ten	●●●●
5	four	●●●●● ●●●●
4	five	●●●●● ●●
7	nine	●●
10	seven	●●●●● ●●●●●
9	two	●●●●●

Art © Kevin Coulston

MATH WORKSHEET · GRADES K–1 · NUMBER TRACING

Mystery Picture: Color by Number

Read the number in each square. Color it the color in the key. What do you see?

Name: _____ **Date:** _____



Color key

1 = blue 2 = green 3 = brown 4 = yellow 5 = red

1	1	1	1	1	1	1	1	1	1
1	1	2	2	2	2	2	2	1	1
1	2	2	3	3	3	3	2	2	1
1	2	3	4	4	4	4	3	2	1
1	2	3	4	5	5	4	3	2	1
1	2	3	4	5	5	4	3	2	1
1	2	3	4	4	4	4	3	2	1
1	2	2	3	3	3	3	2	2	1
1	1	2	2	2	2	2	2	1	1
1	1	1	1	1	1	1	1	1	1

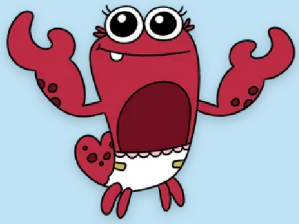
Art © Kevin Coulston

MATH WORKSHEET · GRADE 1 · COUNTING

Skip Counting by 2s, 5s and 10s

Count by 2s, 5s or 10s. Write the missing numbers in the train.

Name: _____ **Date:** _____

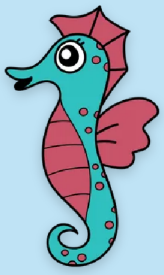


by 2s	2	-	4	-		-	8	-	10	-		-	14	-	
by 5s	5	-	10	-		-		-	25	-	30	-		-	40
by 10s	10	-		-	30	-	40	-		-	60	-		-	80
by 2s	12	-		-		-		-	20	-	22	-		-	26
by 5s	25	-	30	-		-	40	-		-		-	55	-	
by 10s	40	-		-		-	70	-		-	90	-		-	110
by 2s	30	-		-		-		-		-	40	-	42	-	44
by 5s	55	-	60	-		-		-		-	80	-	85	-	
by 10s	10	-	20	-	30	-		-		-	60	-		-	

Art © Kevin Coulston

MATH WORKSHEET · GRADES K–1 · COUNTING

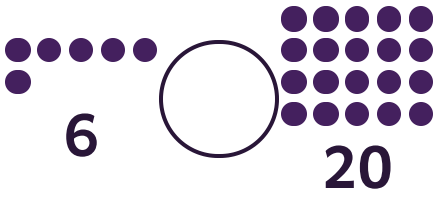
Compare Numbers: Greater, Less or Equal



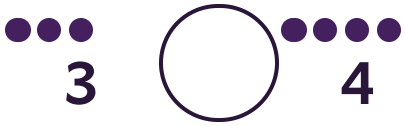
Count the dots. Which number is bigger? Write <, > or = in the circle. The open side eats the bigger number!

Name: _____ **Date:** _____

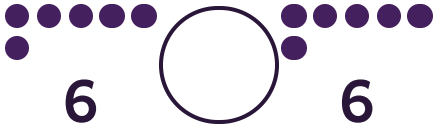
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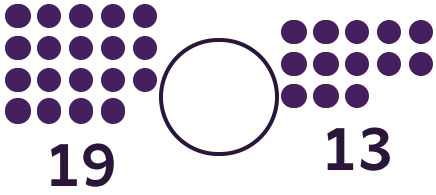
2



3



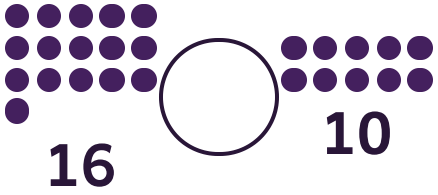
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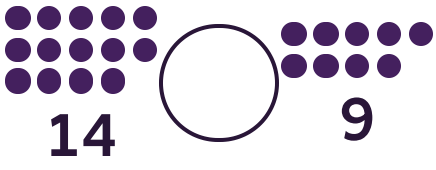
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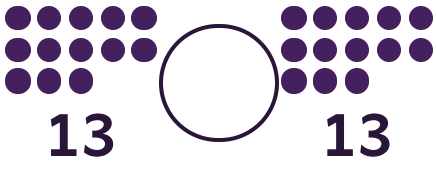
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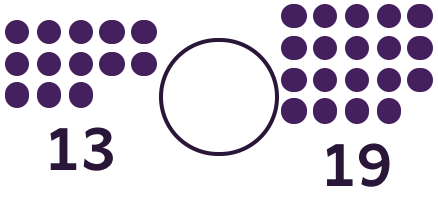
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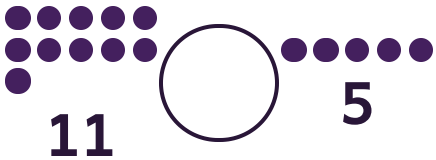
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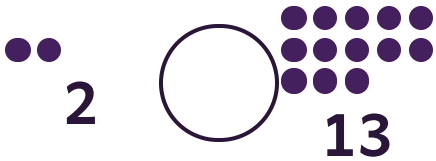
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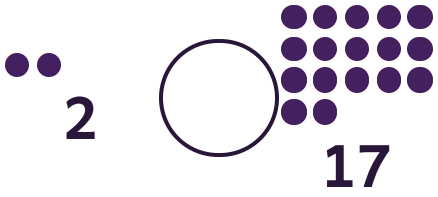
10



11



12



Art © Kevin Coulston

MATH WORKSHEET · GRADES K–1 · COUNTING

Counting Backwards

Count backwards. Write the missing numbers. 10, 9, 8... blast off!

Name: _____ **Date:** _____



Countdown from 10

10
9
7
6
3

Blast off!

Countdown from 15

15
14
13
8
7
4
3
1

Blast off!

Countdown from 20

20
18
15
13
10
9
8
7
6
5
2

Blast off!

12 ← ___ ← 10 ← ___ ← ___ ← ___ ← 6 ← ___ ← 4 ← 3 ← 2

20 ← 19 ← ___ ← ___ ← 16 ← 15 ← ___ ← 13 ← ___ ← ___ ← 10

18 ← ___ ← ___ ← 15 ← 14 ← 13 ← 12 ← ___ ← ___ ← ___ ← 8

Art © Kevin Coulston

MATH WORKSHEET · GRADES K–1 · COUNTING

Ordinal Numbers: First to Tenth



Color the shape in each row that matches the word. Then match the words to the numbers.

Name: _____ **Date:** _____

Color the shape that is...

second ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ← the line starts here

seventh ♡ ♡ ♡ ♡ ♡ ♡ ♡ ♡ ♡ ♡ ← the line starts here

sixth ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ← the line starts here

eighth △ △ △ △ △ △ △ △ △ △ ← the line starts here

fourth □ □ □ □ □ □ □ □ □ □ ← the line starts here

ninth ◇ ◇ ◇ ◇ ◇ ◇ ◇ ◇ ◇ ◇ ← the line starts here

Match the word to its number

second	fourth	eighth	sixth	ninth	third
4	9	3	8	6	2

Art © Kevin Coulston

MATH WORKSHEET · GRADES K–1 · COUNTING

Tally Marks

Count the tallies by fives, then ones. Write the number. Then draw tallies for the last ones!



Name: _____ **Date:** _____

1

𝍸 ||

☐

2

𝍸 𝍸 |

☐

3

𝍸 𝍸 𝍸 ||||

☐

4

𝍸 |||

☐

5

𝍸 |

☐

6

𝍸 𝍸

☐

7

𝍸 𝍸 |||

☐

8

4

9

16

10

2

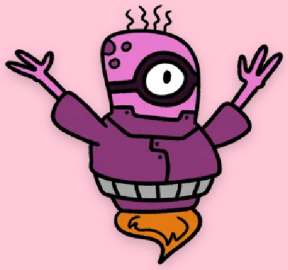
Art © Kevin Coulston

MATH WORKSHEET · GRADES 1–2 · ADDITION & SUBTRACTION

Doubles and Doubles Plus One

Learn the doubles. Then add one more for the doubles-plus-one facts!

Name: _____ **Date:** _____



Doubles



2 + 2 = _____



9 + 9 = _____



5 + 5 = _____



8 + 8 = _____



3 + 3 = _____



7 + 7 = _____



1 + 1 = _____



6 + 6 = _____



4 + 4 = _____



10 + 10 = _____

Doubles plus one

7 + 8 = _____

9 + 10 = _____

10 + 11 = _____

2 + 3 = _____

3 + 4 = _____

5 + 6 = _____

1 + 2 = _____

8 + 9 = _____

4 + 5 = _____

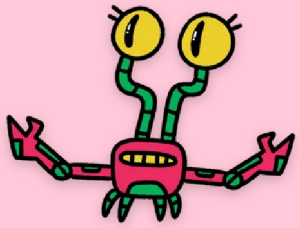
6 + 7 = _____

Art © Kevin Coulston

MATH WORKSHEET · GRADES 1–2 · ADDITION & SUBTRACTION

Missing Addends

What number goes in the box to make the fact true? Count up from the first number!



Name: _____ **Date:** _____

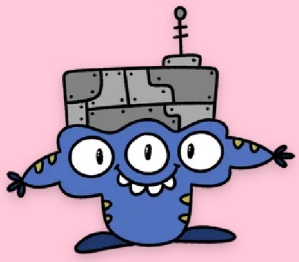
1 $2 + \square = 10$	2 $3 + \square = 12$	3 $6 + \square = 7$
4 $9 + \square = 19$	5 $6 + \square = 13$	6 $15 + \square = 18$
7 $18 + \square = 19$	8 $5 + \square = 8$	9 $5 + \square = 14$
10 $10 + \square = 18$	11 $11 + \square = 14$	12 $1 + \square = 6$
13 $9 + \square = 11$	14 $5 + \square = 9$	15 $12 + \square = 18$
16 $3 + \square = 18$	17 $9 + \square = 12$	18 $13 + \square = 14$
19 $5 + \square = 18$	20 $13 + \square = 18$	21 $7 + \square = 18$
22 $2 + \square = 6$	23 $2 + \square = 7$	24 $17 + \square = 18$

Art © Kevin Coulston

MATH WORKSHEET · GRADES 1–2 · ADDITION & SUBTRACTION

Number Line Hops

Start at the first number. Hop forward to add or back to subtract.
Where do you land?



Name: _____ **Date:** _____

1 $9 + 5 =$ ☐

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

2 $3 + 6 =$ ☐

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

3 $5 + 7 =$ ☐

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

4 $11 - 6 =$ ☐

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

5 $8 - 2 =$ ☐

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

6 $17 - 8 =$ ☐

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

7 $16 - 7 =$ ☐

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

8 $14 - 2 =$ ☐

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

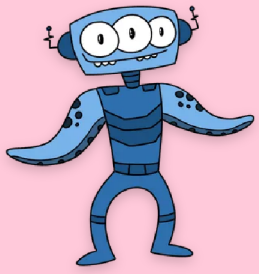
Art © Kevin Coulston

MATH WORKSHEET · GRADES 1–2 · ADDITION & SUBTRACTION

Fact Families: Add and Subtract

Use the three numbers to write two addition facts and two subtraction facts.

Name: _____ **Date:** _____



1

16

3 +− 13

_____

_____

_____

_____

2

10

8 +− 2

_____

_____

_____

_____

3

19

14 +− 5

_____

_____

_____

_____

4

7

3 +− 4

_____

_____

_____

_____

5

19

12 +− 7

_____

_____

_____

_____

6

20

7 +− 13

_____

_____

_____

_____

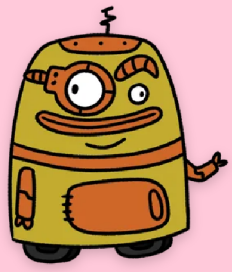
Art © Kevin Coulston

MATH WORKSHEET · GRADES 2–3 · ADDITION & SUBTRACTION

Adding Three Numbers

Add the three numbers. Tip: find two digits that make 10 first.

Name: _____ **Date:** _____



1

$$\begin{array}{r} 25 \\ 50 \\ +\ 37 \\ \hline \end{array}$$

2

$$\begin{array}{r} 34 \\ 59 \\ +\ 47 \\ \hline \end{array}$$

3

$$\begin{array}{r} 17 \\ 39 \\ +\ 32 \\ \hline \end{array}$$

4

$$\begin{array}{r} 26 \\ 14 \\ +\ 11 \\ \hline \end{array}$$

5

$$\begin{array}{r} 52 \\ 50 \\ +\ 53 \\ \hline \end{array}$$

6

$$\begin{array}{r} 33 \\ 33 \\ +\ 58 \\ \hline \end{array}$$

7

$$\begin{array}{r} 32 \\ 31 \\ +\ 29 \\ \hline \end{array}$$

8

$$\begin{array}{r} 23 \\ 40 \\ +\ 34 \\ \hline \end{array}$$

9

$$\begin{array}{r} 40 \\ 47 \\ +\ 22 \\ \hline \end{array}$$

10

$$\begin{array}{r} 59 \\ 42 \\ +\ 52 \\ \hline \end{array}$$

11

$$\begin{array}{r} 10 \\ 46 \\ +\ 24 \\ \hline \end{array}$$

12

$$\begin{array}{r} 29 \\ 54 \\ +\ 50 \\ \hline \end{array}$$

13

$$\begin{array}{r} 18 \\ 26 \\ +\ 53 \\ \hline \end{array}$$

14

$$\begin{array}{r} 32 \\ 33 \\ +\ 30 \\ \hline \end{array}$$

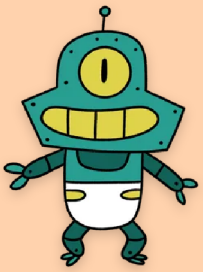
15

$$\begin{array}{r} 25 \\ 57 \\ +\ 22 \\ \hline \end{array}$$

Art © Kevin Coulston

MATH WORKSHEET · GRADES 2–3 · MULTIPLICATION

Repeated Addition to Multiplication



Count how many times the number repeats. Write it as a multiplication sentence and solve.

Name: _____ **Date:** _____

1. 3 + 3 + 3 + 3 + 3 + 3 = ☐ × ☐ = ☐
2. 7 + 7 + 7 + 7 + 7 = ☐ × ☐ = ☐
3. 6 + 6 + 6 = ☐ × ☐ = ☐
4. 6 + 6 + 6 + 6 = ☐ × ☐ = ☐
5. 9 + 9 + 9 + 9 + 9 = ☐ × ☐ = ☐
6. 8 + 8 + 8 + 8 + 8 + 8 = ☐ × ☐ = ☐
7. 7 + 7 + 7 + 7 + 7 + 7 = ☐ × ☐ = ☐
8. 4 + 4 + 4 = ☐ × ☐ = ☐
9. 4 + 4 + 4 + 4 + 4 = ☐ × ☐ = ☐
10. 4 + 4 + 4 + 4 + 4 + 4 = ☐ × ☐ = ☐

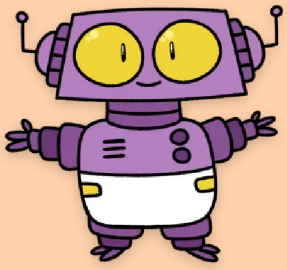
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MATH WORKSHEET · GRADES 3–4 · MULTIPLICATION

Multiply by 10, 100 and 1,000

Multiply. What happens to the zeros each time?

Name: _____ **Date:** _____



1 $2 \times 1{,}000 =$ _____	2 $5 \times 1{,}000 =$ _____	3 $8 \times 100 =$ _____
4 $4 \times 10 =$ _____	5 $5 \times 10 =$ _____	6 $5 \times 100 =$ _____
7 $38 \times 10 =$ _____	8 $42 \times 1{,}000 =$ _____	9 $39 \times 100 =$ _____
10 $29 \times 10 =$ _____	11 $8 \times 10 =$ _____	12 $35 \times 1{,}000 =$ _____
13 $9 \times 1{,}000 =$ _____	14 $7 \times 10 =$ _____	15 $32 \times 10 =$ _____
16 $37 \times 1{,}000 =$ _____	17 $31 \times 10 =$ _____	18 $17 \times 10 =$ _____
19 $6 \times 10 =$ _____	20 $7 \times 100 =$ _____	21 $2 \times 100 =$ _____
22 $12 \times 100 =$ _____	23 $21 \times 10 =$ _____	24 $41 \times 100 =$ _____
25 $21 \times 1{,}000 =$ _____	26 $3 \times 1{,}000 =$ _____	27 $48 \times 10 =$ _____
28 $8 \times 1{,}000 =$ _____	29 $28 \times 100 =$ _____	30 $4 \times 100 =$ _____

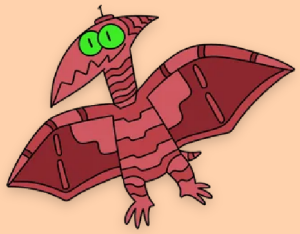
Multiplying by 10 adds one zero, by 100 adds two, by 1,000 adds three.

Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–4 · MULTIPLICATION

Missing Factors

What number times the first number makes the product? Write it in the box.



Name: _____ **Date:** _____

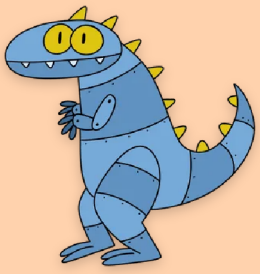
1 $4 \times \square = 24$	2 $6 \times \square = 60$	3 $8 \times \square = 16$
4 $7 \times \square = 49$	5 $7 \times \square = 70$	6 $2 \times \square = 12$
7 $6 \times \square = 12$	8 $3 \times \square = 12$	9 $5 \times \square = 50$
10 $4 \times \square = 20$	11 $2 \times \square = 20$	12 $5 \times \square = 25$
13 $3 \times \square = 18$	14 $8 \times \square = 40$	15 $3 \times \square = 27$
16 $7 \times \square = 21$	17 $9 \times \square = 27$	18 $5 \times \square = 10$
19 $7 \times \square = 42$	20 $2 \times \square = 6$	21 $5 \times \square = 40$
22 $3 \times \square = 9$	23 $8 \times \square = 56$	24 $3 \times \square = 21$
25 $6 \times \square = 36$	26 $10 \times \square = 80$	27 $10 \times \square = 90$
28 $2 \times \square = 14$	29 $2 \times \square = 8$	30 $9 \times \square = 63$

Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–4 · MULTIPLICATION

Multiples on the Hundred Chart

Color the multiples of 3 yellow and the multiples of 4 blue. Which numbers get both colors?



Name: _____ **Date:** _____

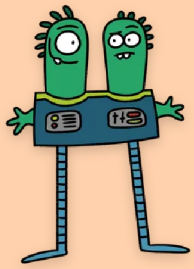
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Numbers that are multiples of both 3 and 4: _____

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MATH WORKSHEET · GRADES 4–5 · MULTIPLICATION

Two-Digit by Two-Digit Multiplication



Multiply by the ones, then by the tens. Add the two rows.

Name: _____ **Date:** _____

1

$$\begin{array}{r} 43 \\ \times\ 27 \\ \hline \end{array}$$

2

$$\begin{array}{r} 41 \\ \times\ 92 \\ \hline \end{array}$$

3

$$\begin{array}{r} 57 \\ \times\ 13 \\ \hline \end{array}$$

4

$$\begin{array}{r} 89 \\ \times\ 44 \\ \hline \end{array}$$

5

$$\begin{array}{r} 28 \\ \times\ 29 \\ \hline \end{array}$$

6

$$\begin{array}{r} 91 \\ \times\ 83 \\ \hline \end{array}$$

7

$$\begin{array}{r} 14 \\ \times\ 96 \\ \hline \end{array}$$

8

$$\begin{array}{r} 39 \\ \times\ 74 \\ \hline \end{array}$$

9

$$\begin{array}{r} 19 \\ \times\ 20 \\ \hline \end{array}$$

10

$$\begin{array}{r} 29 \\ \times\ 79 \\ \hline \end{array}$$

11

$$\begin{array}{r} 82 \\ \times\ 58 \\ \hline \end{array}$$

12

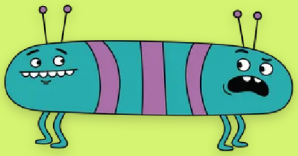
$$\begin{array}{r} 59 \\ \times\ 37 \\ \hline \end{array}$$

Art © Kevin Coulston

MATH WORKSHEET · GRADE 3 · DIVISION

Division as Sharing

Share the dots fairly between the plates. Draw them in. How many on each plate?



Name: _____ **Date:** _____

1

6 dots shared between **2 plates**.

●●●●●●

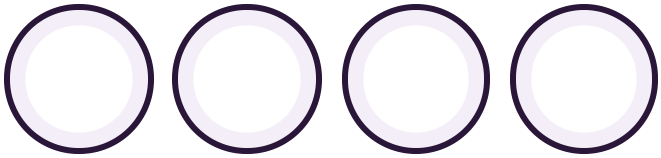


6 ÷ 2 = ☐

2

20 dots shared between **4 plates**.

●●●●●●●●●●●●●●●●●●●●



20 ÷ 4 = ☐

3

8 dots shared between **2 plates**.

●●●●●●●●

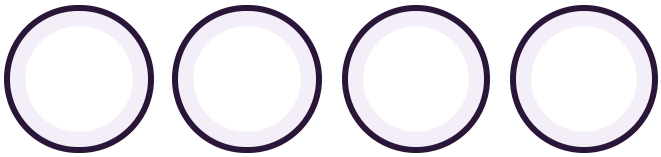


8 ÷ 2 = ☐

4

12 dots shared between **4 plates**.

●●●●●●●●●●●●

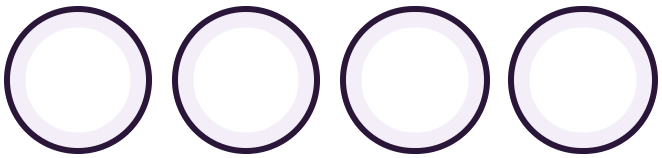


12 ÷ 4 = ☐

5

16 dots shared between **4 plates**.

●●●●●●●●●●●●●●●●

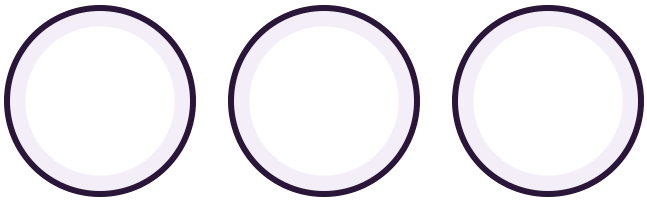


16 ÷ 4 = ☐

6

12 dots shared between **3 plates**.

●●●●●●●●●●●●



12 ÷ 3 = ☐

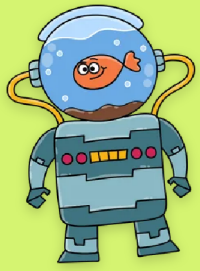
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MATH WORKSHEET · GRADES 3–4 · DIVISION

Division with Remainders

How many whole groups? What is left over? Write the answer with an R.

Name: _____ **Date:** _____



1 $17 \div 8 =$ _____	2 $29 \div 5 =$ _____	3 $15 \div 4 =$ _____
4 $68 \div 9 =$ _____	5 $26 \div 9 =$ _____	6 $42 \div 5 =$ _____
7 $33 \div 8 =$ _____	8 $72 \div 8 =$ _____	9 $33 \div 7 =$ _____
10 $13 \div 3 =$ _____	11 $14 \div 3 =$ _____	12 $18 \div 7 =$ _____
13 $62 \div 7 =$ _____	14 $44 \div 9 =$ _____	15 $83 \div 9 =$ _____
16 $40 \div 6 =$ _____	17 $37 \div 8 =$ _____	18 $10 \div 3 =$ _____
19 $24 \div 6 =$ _____	20 $7 \div 2 =$ _____	21 $5 \div 2 =$ _____
22 $45 \div 5 =$ _____	23 $20 \div 5 =$ _____	24 $57 \div 8 =$ _____

Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–4 · DIVISION

Missing Dividends and Divisors

Fill in the box to make the fact true. Think about the multiplication fact that matches!



Name: _____ **Date:** _____

1 $\square \div 9 = 7$	2 $\square \div 5 = 7$	3 $\square \div 2 = 8$
4 $\square \div 2 = 2$	5 $8 \div \square = 2$	6 $\square \div 9 = 4$
7 $20 \div \square = 10$	8 $100 \div \square = 10$	9 $\square \div 7 = 6$
10 $\square \div 5 = 2$	11 $\square \div 8 = 4$	12 $\square \div 6 = 5$
13 $18 \div \square = 2$	14 $\square \div 2 = 9$	15 $\square \div 7 = 7$
16 $\square \div 6 = 2$	17 $50 \div \square = 5$	18 $25 \div \square = 5$
19 $\square \div 9 = 3$	20 $45 \div \square = 9$	21 $\square \div 10 = 2$
22 $42 \div \square = 7$	23 $\square \div 3 = 5$	24 $32 \div \square = 8$
25 $60 \div \square = 6$	26 $36 \div \square = 6$	27 $\square \div 4 = 10$
28 $24 \div \square = 4$	29 $18 \div \square = 3$	30 $\square \div 8 = 9$

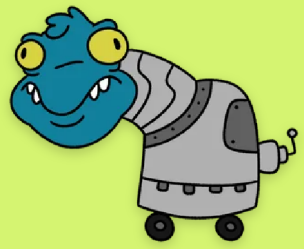
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MATH WORKSHEET · GRADES 4–5 · DIVISION

Divide by 10, 100 and 1,000

Divide. Watch the zeros disappear!

Name: _____ **Date:** _____



1 70 ÷ 7 = _____	2 150 ÷ 3 = _____
3 300 ÷ 100 = _____	4 20,000 ÷ 1,000 = _____
5 50 ÷ 5 = _____	6 44,000 ÷ 1,000 = _____
7 83,000 ÷ 1,000 = _____	8 40 ÷ 2 = _____
9 630 ÷ 9 = _____	10 640 ÷ 8 = _____
11 45,000 ÷ 1,000 = _____	12 490 ÷ 10 = _____
13 120 ÷ 6 = _____	14 1,300 ÷ 100 = _____
15 76,000 ÷ 1,000 = _____	16 8,100 ÷ 100 = _____
17 4,000 ÷ 1,000 = _____	18 1,600 ÷ 100 = _____
19 39,000 ÷ 1,000 = _____	20 72,000 ÷ 1,000 = _____
21 90 ÷ 9 = _____	22 240 ÷ 3 = _____
23 160 ÷ 8 = _____	24 5,600 ÷ 100 = _____
25 400 ÷ 5 = _____	26 4,300 ÷ 100 = _____
27 230 ÷ 10 = _____	28 390 ÷ 10 = _____
29 84,000 ÷ 1,000 = _____	30 310 ÷ 10 = _____

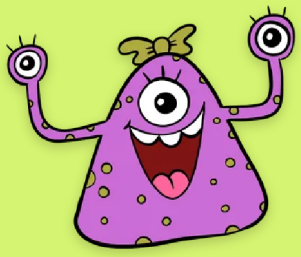
Dividing by 10 takes away one zero, by 100 two, by 1,000 three.

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MATH WORKSHEET · GRADE 5 · DIVISION

Long Division by Two-Digit Numbers



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

Name: _____ **Date:** _____

1

$16\overline{)703}$

2

$23\overline{)647}$

3

$17\overline{)1{,}593}$

4

$23\overline{)2{,}484}$

5

$37\overline{)2{,}776}$

6

$48\overline{)2{,}244}$

7

$26\overline{)728}$

8

$23\overline{)4{,}833}$

9

$35\overline{)945}$

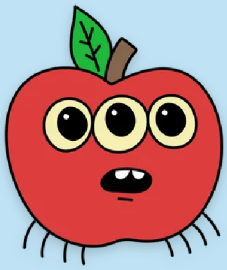
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MATH WORKSHEET · GRADE 2 · FRACTIONS

Equal Parts or Not?

Are the parts equal? Circle Yes or No. If yes, write halves, thirds or fourths.

Name: _____ **Date:** _____



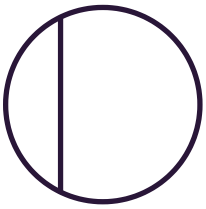
1



Yes No

_____

2



Yes No

_____

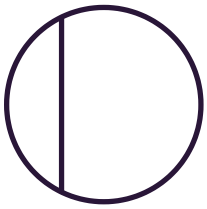
3



Yes No

_____

4



Yes No

_____

5



Yes No

_____

6



Yes No

_____

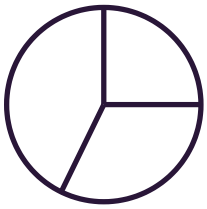
7



Yes No

_____

8



Yes No

_____

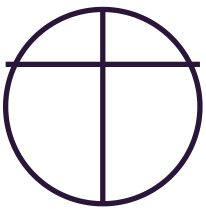
9



Yes No

_____

10



Yes No

_____

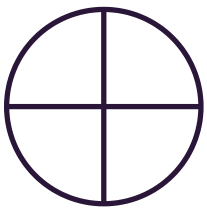
11



Yes No

_____

12



Yes No

_____

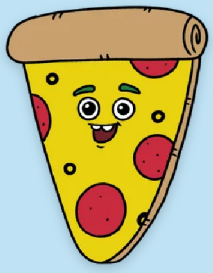
Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–4 · FRACTIONS

Fractions of a Set

Split the set into equal groups. Color the fraction. How many did you color?

Name: _____ **Date:** _____



1 Color $\frac{1}{2}$ of the 6 shapes.

☆ ☆ ☆ ☆ ☆ ☆

$\frac{1}{2}$ of 6 = ☐

2 Color $\frac{4}{5}$ of the 10 shapes.

♡ ♡ ♡ ♡ ♡ ♡ ♡ ♡ ♡ ♡

$\frac{4}{5}$ of 10 = ☐

3 Color $\frac{1}{3}$ of the 9 shapes.

○ ○ ○ ○ ○ ○ ○ ○ ○

$\frac{1}{3}$ of 9 = ☐

4 Color $\frac{2}{3}$ of the 12 shapes.

△ △ △ △ △ △ △ △ △ △ △ △

$\frac{2}{3}$ of 12 = ☐

5 Color $\frac{3}{5}$ of the 15 shapes.

□ □ □ □ □ □ □ □ □ □ □ □ □ □ □

$\frac{3}{5}$ of 15 = ☐

6 Color $\frac{2}{4}$ of the 12 shapes.

◇ ◇ ◇ ◇ ◇ ◇ ◇ ◇ ◇ ◇ ◇ ◇

$\frac{2}{4}$ of 12 = ☐

7 Color $\frac{2}{3}$ of the 9 shapes.

☾ ☾ ☾ ☾ ☾ ☾ ☾ ☾ ☾

$\frac{2}{3}$ of 9 = ☐

8 Color $\frac{1}{4}$ of the 16 shapes.

⬡ ⬡ ⬡ ⬡ ⬡ ⬡ ⬡ ⬡ ⬡ ⬡ ⬡ ⬡ ⬡ ⬡ ⬡ ⬡

$\frac{1}{4}$ of 16 = ☐

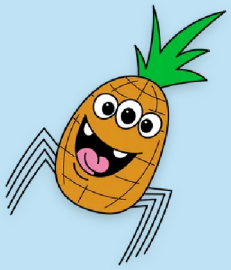
Art © Kevin Coulston

MATH WORKSHEET · GRADE 4 · FRACTIONS

Add and Subtract Fractions

Same denominator? Add or subtract the numerators. Keep the denominator.

Name: _____ **Date:** _____



1 $\frac{7}{10} + \frac{1}{10} = \frac{\square}{10}$

2 $\frac{3}{5} - \frac{2}{5} = \frac{\square}{5}$

3 $\frac{4}{6} + \frac{1}{6} = \frac{\square}{6}$

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

5 $\frac{2}{5} + \frac{2}{5} = \frac{\square}{5}$

6 $\frac{2}{5} + \frac{3}{5} = \frac{\square}{5}$

7 $\frac{10}{12} - \frac{3}{12} = \frac{\square}{12}$

8 $\frac{1}{5} + \frac{2}{5} = \frac{\square}{5}$

9 $\frac{3}{4} - \frac{1}{4} = \frac{\square}{4}$

10 $\frac{5}{6} - \frac{2}{6} = \frac{\square}{6}$

11 $\frac{2}{4} - \frac{1}{4} = \frac{\square}{4}$

12 $\frac{4}{10} + \frac{1}{10} = \frac{\square}{10}$

13 $\frac{5}{6} - \frac{4}{6} = \frac{\square}{6}$

14 $\frac{4}{12} + \frac{5}{12} = \frac{\square}{12}$

15 $\frac{5}{8} - \frac{1}{8} = \frac{\square}{8}$

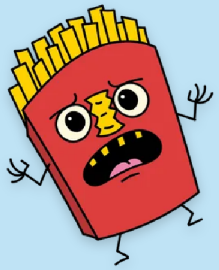
16 $\frac{4}{8} + \frac{4}{8} = \frac{\square}{8}$

Simplify when you can: 4/8 = 1/2.

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MATH WORKSHEET · GRADES 4–5 · FRACTIONS

Mixed Numbers and Improper Fractions



Count the wholes and the extra parts. Write it as a mixed number and as an improper fraction.

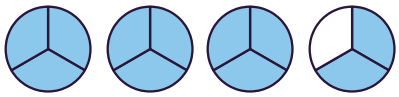
Name: _____ **Date:** _____

1



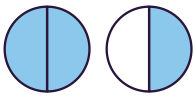
□ □/□ = □/3

2



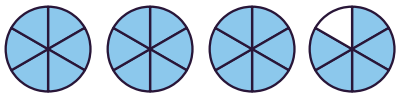
□ □/□ = □/3

3



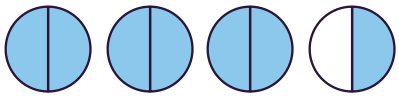
□ □/□ = □/2

4



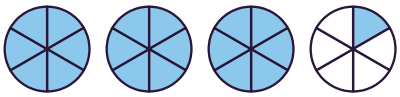
□ □/□ = □/6

5



□ □/□ = □/2

6



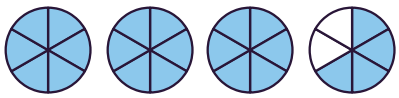
□ □/□ = □/6

7



□ □/□ = □/2

8



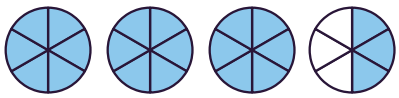
□ □/□ = □/6

9



□ □/□ = □/4

10



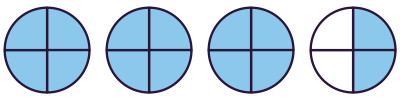
□ □/□ = □/6

11



□ □/□ = □/4

12



□ □/□ = □/4

Art © Kevin Coulston

MATH WORKSHEET · GRADES 4–5 · FRACTIONS

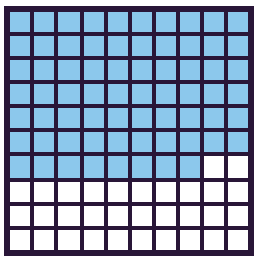
Fractions and Decimals

Count the shaded parts out of 10 or 100. Write the fraction and the decimal.

Name: _____ **Date:** _____



1



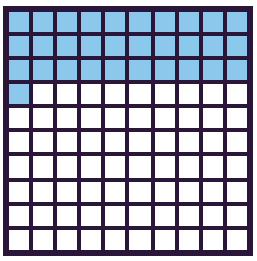
$\frac{\square}{100} = \square$

2



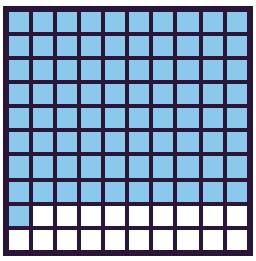
$\frac{\square}{10} = \square$

3



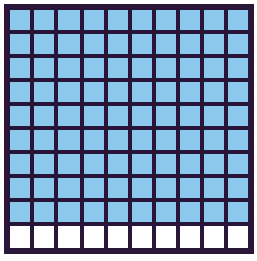
$\frac{\square}{100} = \square$

4



$\frac{\square}{100} = \square$

5



$\frac{\square}{100} = \square$

6



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

7



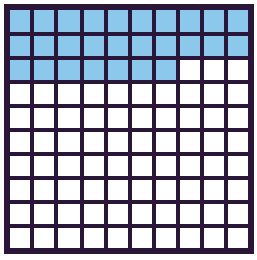
$\frac{\square}{10} = \square$

8



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

9



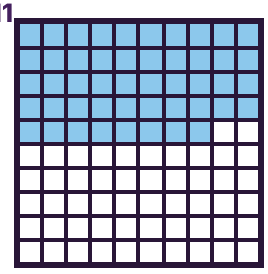
$\frac{\square}{100} = \square$

10



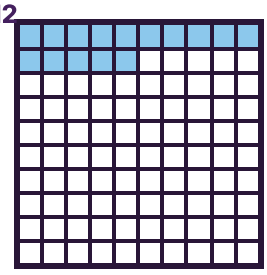
$\frac{\square}{10} = \square$

11



$\frac{\square}{100} = \square$

12

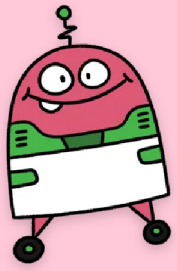


$\frac{\square}{100} = \square$

Art © Kevin Coulston

MATH WORKSHEET · GRADES 1–2 · PLACE VALUE

Ten More, Ten Less, One More, One Less



Write the number that is 1 more, 1 less, 10 more and 10 less.

Name: _____ **Date:** _____

1

10 more: ☐

1 less: ☐ **56** 1 more: ☐

10 less: ☐

2

10 more: ☐

1 less: ☐ **16** 1 more: ☐

10 less: ☐

3

10 more: ☐

1 less: ☐ **58** 1 more: ☐

10 less: ☐

4

10 more: ☐

1 less: ☐ **54** 1 more: ☐

10 less: ☐

5

10 more: ☐

1 less: ☐ **72** 1 more: ☐

10 less: ☐

6

10 more: ☐

1 less: ☐ **44** 1 more: ☐

10 less: ☐

7

10 more: ☐

1 less: ☐ **62** 1 more: ☐

10 less: ☐

8

10 more: ☐

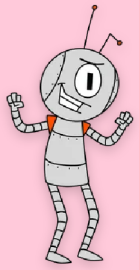
1 less: ☐ **60** 1 more: ☐

10 less: ☐

Art © Kevin Coulston

MATH WORKSHEET · GRADES 2–3 · PLACE VALUE

Compare and Order Numbers to 1,000



Compare the hundreds first, then the tens, then the ones.

Name: _____ **Date:** _____

Write <, > or =

1. 292 ◯ 292
2. 335 ◯ 548
3. 658 ◯ 651
4. 493 ◯ 493
5. 669 ◯ 349
6. 857 ◯ 863
7. 789 ◯ 148
8. 539 ◯ 796
9. 736 ◯ 733
10. 951 ◯ 947

Order from least to greatest

11. 833, 526, 606 → _____
12. 417, 616, 596 → _____
13. 716, 906, 821 → _____
14. 503, 774, 288 → _____
15. 858, 922, 248 → _____
16. 308, 750, 916 → _____

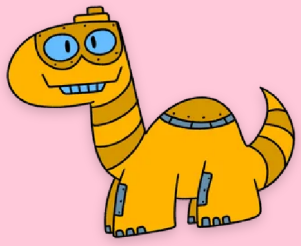
Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–4 · PLACE VALUE

Value of the Underlined Digit

Which place is the underlined digit in? What is it worth? Write both.

Name: _____ **Date:** _____



Number	Place	Value
8<u>3</u>,327		
5,8<u>1</u>5		
<u>8</u>,915		
3<u>7</u>,064		
54,8<u>2</u>2		
5,97<u>6</u>		
5<u>8</u>,541		
8,16<u>3</u>		
8<u>3</u>,978		
16,60<u>5</u>		
3,6<u>2</u>7		
3,88<u>4</u>		
51,<u>2</u>26		
92,1<u>7</u>3		
67,23<u>5</u>		
63,5<u>4</u>6		

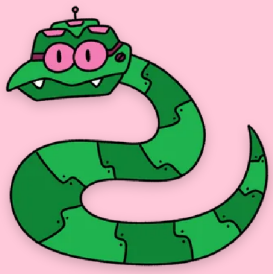
Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–4 · PLACE VALUE

Build the Biggest Number

Use every card once. Make the biggest number you can, then the smallest.

Name: _____ **Date:** _____



1

4 1 5 8 2

Greatest: ____

Least: ____

2

8 3 2 0 5

Greatest: ____

Least: ____

3

7 5 9

Greatest: _____

Least: _____

4

8 7 2 1 0

Greatest: ____

Least: ____

5

3 4 8 6

Greatest: _____

Least: _____

6

2 8 6 0

Greatest: _____

Least: _____

7

9 1 8

Greatest: _____

Least: _____

8

4 6 7 1 5

Greatest: ____

Least: ____

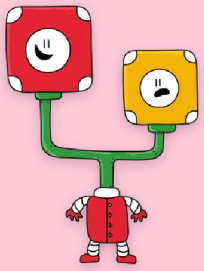
Art © Kevin Coulston

MATH WORKSHEET · GRADES 4–5 · PLACE VALUE

Decimal Place Value

Fill in each row. Then write <, > or = for the pairs at the bottom.

Name: _____ **Date:** _____



Decimal	Place of the underlined digit	Expanded form
0.52<u>9</u>		
0.0<u>2</u>		
4.<u>2</u>8		
5.<u>6</u>53		
4.7<u>2</u>		
8.3<u>9</u>		
8.6<u>8</u>		
2.0<u>1</u>		
3.8<u>7</u>		
8.7<u>4</u>		

Write <, > or =

0.78 ◯ 0.088 0.70 ◯ 0.122 0.15 ◯ 0.209

0.51 ◯ 0.178 0.44 ◯ 0.440

Art © Kevin Coulston

MATH WORKSHEET · GRADE 1 · WORD PROBLEMS

Picture Word Problems

Listen to the story. Draw it. Count. Write the answer.

Name: _____ **Date:** _____



1 There are 3 cats on the mat. 2 more cats come. How many cats are on the mat now?

Answer: _____ cats

2 Bo has 4 balloons. 1 balloon pops. How many balloons does Bo have left?

Answer: _____ balloons

3 2 frogs sit on a log. 3 frogs sit in the pond. How many frogs are there in all?

Answer: _____ frogs

4 There are 6 cookies. The bee eats 2 cookies. How many cookies are left?

Answer: _____ cookies

Art © Kevin Coulston

MATH WORKSHEET · GRADES 2–3 · WORD PROBLEMS

Two-Step Word Problems

Each problem has two steps. Write both number sentences, then the answer.

Name: _____ **Date:** _____



1 Ava had 24 crayons. She got 12 more, then gave 9 to her brother. How many crayons does Ava have now?

Answer: _____ crayons

2 A bus has 18 kids on it. At the first stop 7 kids get off and 4 get on. How many kids are on the bus now?

Answer: _____ kids

3 Max read 15 pages on Monday and 22 pages on Tuesday. His book has 60 pages. How many pages are left?

Answer: _____ pages

4 There are 3 boxes with 8 markers in each box. 5 markers are dried out. How many markers still work?

Answer: _____ markers

5 Jo baked 36 muffins. She put 4 muffins in each bag and gave away 5 bags. How many muffins are left?

Answer: _____ muffins

6 Tickets cost $6 each. The Lee family buys 4 tickets and pays with $30. How much change do they get?

Answer: _____

Art © Kevin Coulston

MATH WORKSHEET · GRADES 2–4 · WORD PROBLEMS

Money Word Problems

Read each problem. Show your work. Write the answer with ¢ or $.

Name: _____ **Date:** _____



1 Nina has 3 dimes and 4 pennies. How much money does she have?

Answer: _____

2 A pencil costs 45¢. Leo pays with 2 quarters. How much change does he get?

Answer: _____

3 Sam has $2.50. A sticker sheet costs $1.75. How much money will Sam have left?

Answer: _____

4 Mia saves 25¢ every day for 6 days. How much has she saved?

Answer: _____

5 A juice box costs 80¢. Ben buys 3 juice boxes. How much does he pay?

Answer: _____

6 Kim has $5.00. She buys a book for $3.60 and a bookmark for $0.95. How much does she have left?

Answer: _____

Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–5 · WORD PROBLEMS

Measurement Word Problems

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

Name: _____ **Date:** _____



1 A ribbon is 48 inches long. Zoe cuts off 19 inches. How long is the ribbon now?

Answer: _____ inches

2 A bag of apples weighs 3 pounds. How much do 7 bags weigh?

Answer: _____ pounds

3 A pitcher holds 2 liters. Dad pours out 750 milliliters. How much is left in the pitcher?

Answer: _____ milliliters

4 The art table is 2 meters long. How many centimeters is that?

Answer: _____ centimeters

5 A puppy weighed 12 pounds in May and 31 pounds in August. How much weight did it gain?

Answer: _____ pounds

6 Ms. Ortiz cuts a 5-foot board into pieces that are 1 foot long. How many pieces does she get?

Answer: _____ pieces

Art © Kevin Coulston

MATH WORKSHEET · GRADES 4–5 · WORD PROBLEMS

Fraction Word Problems

Read each problem twice. Draw a model. Show your work. Write the answer.

Name: _____ **Date:** _____



1 A pizza is cut into 8 equal slices. Jay eats 3 slices. What fraction of the pizza is left?

Answer: _____

2 Lily ran 3/4 of a mile and then 1/4 of a mile more. How far did she run in all?

Answer: _____ mile

3 A class has 20 kids. 1/4 of them bring lunch from home. How many kids bring lunch from home?

Answer: _____ kids

4 Ted drank 2/6 of his juice. Ann drank 1/3 of hers. Who drank more? Write the same amount, or the name of the person.

Answer: _____

5 A recipe uses 2/3 cup of sugar. Mom makes it 3 times. How many cups of sugar does she use?

Answer: _____ cups

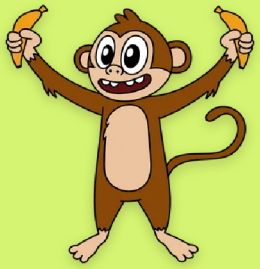
Art © Kevin Coulston

MATH WORKSHEET · GRADES 1–2 · TELLING TIME

Read a Calendar

Use the calendar to answer each question.

Name: _____ **Date:** _____



June

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4 Field trip
5	6	7	8	9	10	11 Art show
12	13	14	15	16	17	18
19 No school	20	21	22	23	24	25 Last day
26	27	28	29	30		

What day of the week is June 11? _____

How many days are in June? _____

How many Saturdays are in June? _____

What is the date of the field trip? _____

What day of the week is the art show? _____

What is the date one week after the field trip? _____

How many days are there from the art show to the last day? _____

What is the date of the first Monday? _____

What day of the week is the last day of the month? _____

Today is June 15. What was the date 4 days ago? _____

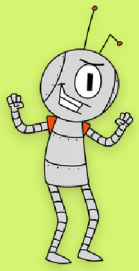
Art © Kevin Coulston

MATH WORKSHEET · GRADES 1–2 · TELLING TIME

Match Analog and Digital Clocks

Read each clock. Draw a line to the digital time that matches.

Name: _____ **Date:** _____





- 4:15



- 4:00



- 10:15



- 1:15



- 7:30



- 5:15

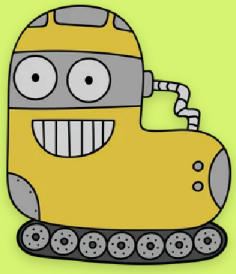
Art © Kevin Coulston

MATH WORKSHEET · GRADES 2–3 · TELLING TIME

Quarter Past and Quarter To

Write the time two ways: with numbers, and with “quarter past” or “quarter to”.

Name: _____ **Date:** _____



1



2



3



4



5



6



7



8



9



10



11



12



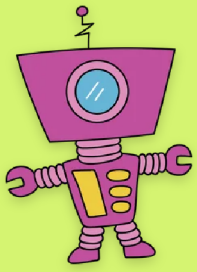
Art © Kevin Coulston

MATH WORKSHEET · GRADES 2–3 · TELLING TIME

What Time Will It Be?

Read the clock. Count forward or back. Write the new time.

Name: _____ **Date:** _____



1



In 10 minutes it will be

_____

2



20 minutes ago it was

_____

3



In 1 hour it will be

_____

4



10 minutes ago it was

_____

5



1½ hours ago it was

_____

6



In 2 hours it will be

_____

7



In 1½ hours it will be

_____

8



2 hours ago it was

_____

9



In 30 minutes it will be

_____

10



15 minutes ago it was

_____

11



10 minutes ago it was

_____

12



In 1 hour it will be

_____

Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–4 · TELLING TIME

Units of Time

Use the facts in the box. Multiply to change to smaller units, divide to change to bigger units.

Name: _____ **Date:** _____



Time facts

1 minute = 60 seconds 1 hour = 60 minutes 1 day = 24 hours 1 week = 7 days

1 2 days = _____ hours

2 48 hours = _____ days

3 9 weeks = _____ days

4 60 minutes = _____ hours

5 2 hours = _____ minutes

6 1 week = _____ days

7 420 minutes = _____ hours

8 5 days = _____ hours

9 6 days = _____ hours

10 1 minute = _____ seconds

11 240 minutes = _____ hours

12 144 hours = _____ days

13 120 hours = _____ days

14 6 minutes = _____ seconds

15 72 hours = _____ days

16 42 days = _____ weeks

17 3 days = _____ hours

18 14 days = _____ weeks

Art © Kevin Coulston

MATH WORKSHEET · GRADES 1–2 · MONEY

Draw the Coins

Draw coins to make the amount. Write P, N, D or Q in each circle. Use as few coins as you can!

Name: _____ **Date:** _____



1

14¢

2

60¢

3

10¢

4

55¢

5

20¢

6

90¢

7

86¢

8

26¢

Art © Kevin Coulston

MATH WORKSHEET · GRADE 2 · MONEY

Which Is Worth More?

Count each side. Write <, > or = in the circle.

Name: _____ **Date:** _____



1

QUARTER DOLLAR | ONE DIME | ONE CENT

( )

QUARTER DOLLAR | ONE DIME | ONE DIME | ONE DIME | FIVE CENTS

2

QUARTER DOLLAR | QUARTER DOLLAR

( )

ONE CENT | ONE CENT

3

QUARTER DOLLAR | ONE DIME | FIVE CENTS | ONE CENT

( )

QUARTER DOLLAR | FIVE CENTS | FIVE CENTS | ONE CENT

4

QUARTER DOLLAR | ONE DIME | ONE DIME | ONE CENT

( )

FIVE CENTS | ONE CENT

5

FIVE CENTS | FIVE CENTS | FIVE CENTS | ONE CENT

( )

QUARTER DOLLAR | QUARTER DOLLAR | ONE DIME | ONE CENT

6

ONE CENT | ONE CENT

( )

ONE DIME | ONE DIME | ONE DIME | FIVE CENTS | ONE CENT

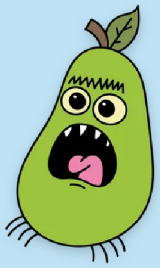
Art © Kevin Coulston

MATH WORKSHEET · GRADES 2–3 · MONEY

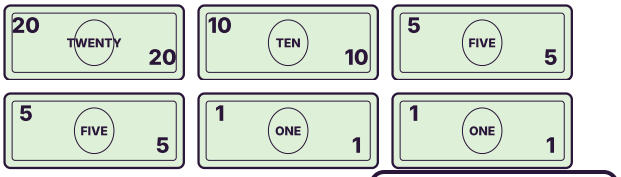
Count Bills to $100

Count the bills. Start with the twenties, then tens, fives and ones.

Name: _____ **Date:** _____

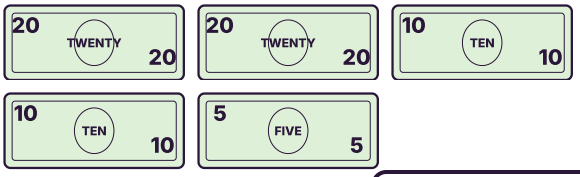


1



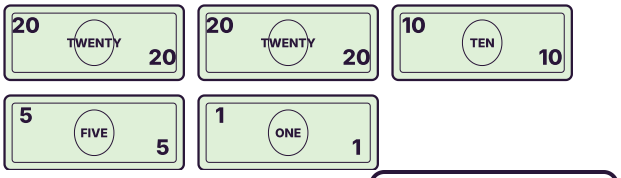
Total: _____

2



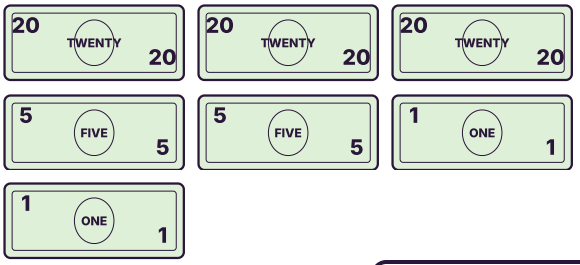
Total: _____

3



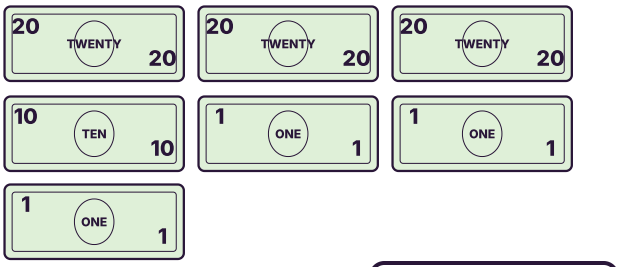
Total: _____

4



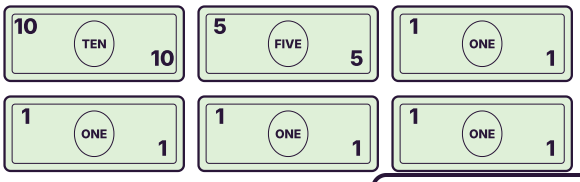
Total: _____

5



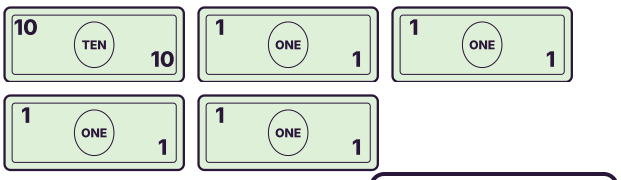
Total: _____

6



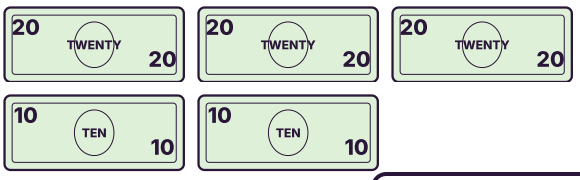
Total: _____

7



Total: _____

8



Total: _____

Art © Kevin Coulston

MATH WORKSHEET · GRADES 3–4 · MONEY

Add and Subtract Money

Line up the decimal points. Add or subtract. Put the $ and the point in your answer.

Name: _____ **Date:** _____



1	2	3	4	5
$10.48 − $2.67	$15.97 + $13.15	$7.76 + $9.87	$28.83 − $14.43	$28.75 + $6.81

6	7	8	9	10
$25.65 + $10.29	$14.36 + $1.77	$25.14 + $3.38	$22.82 − $11.19	$2.21 + $24.01

11	12	13	14	15
$19.85 + $15.07	$25.92 + $8.47	$11.65 − $11.06	$22.86 − $1.18	$28.49 − $23.68

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MATH WORKSHEET · GRADES 3–4 · MONEY

Saving Up

Divide the price by the weekly allowance. How many weeks until you can buy it? What is left over?

Name: _____ **Date:** _____



Saving for	Price	Allowance	Weeks to save	Left over
a skateboard	**$45**	**$2** a week		
a comic book	**$6**	**$2** a week		
a soccer ball	**$15**	**$2** a week		
headphones	**$30**	**$5** a week		
a board game	**$20**	**$3** a week		
a kite	**$9**	**$3** a week		

Example: a $14 game at $4 a week takes 4 weeks (3 weeks is only $12). You will have $16, so $2 is left over.

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ANSWER KEY · NUMBER TRACING · FOR GROWN-UPS

Answer Key: Number Path Maze: 1 to 20

Start at 1. Color 2, then 3, then 4... all the way to 20 to reach the Finish.



Start ↓

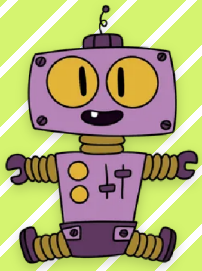
1	5	12	10	11	12
2	10	8	9	6	13
3	3	7	15	15	14
4	5	6	18	16	6
18	2	15	3	17	18
5	12	12	15	17	19
18	3	3	3	9	20

Finish ↑

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ANSWER KEY · NUMBER TRACING · FOR GROWN-UPS

Answer Key: Match Numbers, Words and Dots



Draw a line from each number to its word. Then draw a line from the word to the dots that match.

2	ten	●●●●
5	four	●●●●● ●●●●
4	five	●●●●● ●●
7	nine	●●
10	seven	●●●●● ●●●●●
9	two	●●●●●

Art © Kevin Coulston

ANSWER KEY · NUMBER TRACING · FOR GROWN-UPS

Answer Key: Mystery Picture: Color by Number

Read the number in each square. Color it the color in the key. What do you see?



Color key

1 = blue 2 = green 3 = brown 4 = yellow 5 = red

1	1	1	1	1	1	1	1	1	1
1	1	2	2	2	2	2	2	1	1
1	2	2	3	3	3	3	2	2	1
1	2	3	4	4	4	4	3	2	1
1	2	3	4	5	5	4	3	2	1
1	2	3	4	5	5	4	3	2	1
1	2	3	4	4	4	4	3	2	1
1	2	2	3	3	3	3	2	2	1
1	1	2	2	2	2	2	2	1	1
1	1	1	1	1	1	1	1	1	1

Art © Kevin Coulston

ANSWER KEY · COUNTING · FOR GROWN-UPS

Answer Key: Skip Counting by 2s, 5s and 10s

Count by 2s, 5s or 10s. Write the missing numbers in the train.



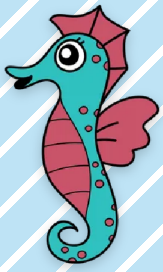
by 2s	2	4	6	8	10	12	14	16
by 5s	5	10	15	20	25	30	35	40
by 10s	10	20	30	40	50	60	70	80
by 2s	12	14	16	18	20	22	24	26
by 5s	25	30	35	40	45	50	55	60
by 10s	40	50	60	70	80	90	100	110
by 2s	30	32	34	36	38	40	42	44
by 5s	55	60	65	70	75	80	85	90
by 10s	10	20	30	40	50	60	70	80

Art © Kevin Coulston

ANSWER KEY · COUNTING · FOR GROWN-UPS

Answer Key: Compare Numbers: Greater, Less or Equal

Count the dots. Which number is bigger? Write <, > or = in the circle. The open side eats the bigger number!



1

6 < 20

2

3 < 4

3

6 = 6

4

19 > 13

5

19 > 0

6

16 > 10

7

14 > 9

8

13 = 13

9

13 < 19

10

11 > 5

11

2 < 13

12

2 < 17

Art © Kevin Coulston

ANSWER KEY · COUNTING · FOR GROWN-UPS

Answer Key: Counting Backwards

Count backwards. Write the missing numbers. 10, 9, 8... blast off!



Countdown from 10

10
9
8
7
6
5
4
3
2
1

Blast off!

Countdown from 15

15
14
13
12
11
10
9
8
7
6
5
4
3
2
1

Blast off!

Countdown from 20

20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1

Blast off!

12 ← 11 ← 10 ← 9 ← 8 ← 7 ← 6 ← 5 ← 4 ← 3 ← 2

20 ← 19 ← 18 ← 17 ← 16 ← 15 ← 14 ← 13 ← 12 ← 11 ← 10

18 ← 17 ← 16 ← 15 ← 14 ← 13 ← 12 ← 11 ← 10 ← 9 ← 8

Art © Kevin Coulston

ANSWER KEY · COUNTING · FOR GROWN-UPS

Answer Key: Ordinal Numbers: First to Tenth

Color the shape in each row that matches the word. Then match the words to the numbers.



Color the shape that is...

second ← the line starts here

seventh ← the line starts here

sixth ← the line starts here

eighth ← the line starts here

fourth ← the line starts here

ninth ← the line starts here

Match the word to its number

second	fourth	eighth	sixth	ninth	third
4 fourth	9 ninth	3 third	8 eighth	6 sixth	2 second

Art © Kevin Coulston

ANSWER KEY · COUNTING · FOR GROWN-UPS

Answer Key: Tally Marks

Count the tallies by fives, then ones. Write the number. Then draw tallies for the last ones!



1 𝍸 || **7**

2 𝍸 𝍸 | **11**

3 𝍸 𝍸 𝍸 |||| **19**

4 𝍸 ||| **8**

5 𝍸 | **6**

6 𝍸 𝍸 **10**

7 𝍸 𝍸 ||| **13**

8 4 ||||

9 16 𝍸 𝍸 𝍸 |

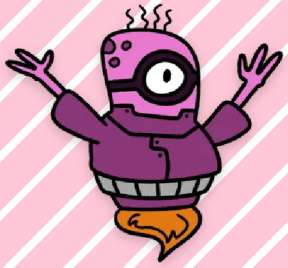
10 2 ||

Art © Kevin Coulston

ANSWER KEY · ADDITION & SUBTRACTION · FOR GROWN-UPS

Answer Key: Doubles and Doubles Plus One

Learn the doubles. Then add one more for the doubles-plus-one facts!



Doubles



2 + 2 = 4



9 + 9 = 18



5 + 5 = 10



8 + 8 = 16



3 + 3 = 6



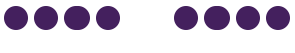
7 + 7 = 14



1 + 1 = 2



6 + 6 = 12



4 + 4 = 8



10 + 10 = 20

Doubles plus one

7 + 8 = 15

9 + 10 = 19

10 + 11 = 21

2 + 3 = 5

3 + 4 = 7

5 + 6 = 11

1 + 2 = 3

8 + 9 = 17

4 + 5 = 9

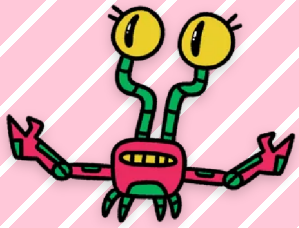
6 + 7 = 13

Art © Kevin Coulston

ANSWER KEY · ADDITION & SUBTRACTION · FOR GROWN-UPS

Answer Key: Missing Addends

What number goes in the box to make the fact true? Count up from the first number!



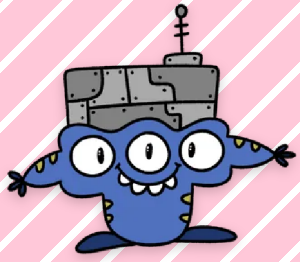
1 $2 + \boxed{8} = 10$	2 $3 + \boxed{9} = 12$	3 $6 + \boxed{1} = 7$
4 $9 + \boxed{10} = 19$	5 $6 + \boxed{7} = 13$	6 $15 + \boxed{3} = 18$
7 $18 + \boxed{1} = 19$	8 $5 + \boxed{3} = 8$	9 $5 + \boxed{9} = 14$
10 $10 + \boxed{8} = 18$	11 $11 + \boxed{3} = 14$	12 $1 + \boxed{5} = 6$
13 $9 + \boxed{2} = 11$	14 $5 + \boxed{4} = 9$	15 $12 + \boxed{6} = 18$
16 $3 + \boxed{15} = 18$	17 $9 + \boxed{3} = 12$	18 $13 + \boxed{1} = 14$
19 $5 + \boxed{13} = 18$	20 $13 + \boxed{5} = 18$	21 $7 + \boxed{11} = 18$
22 $2 + \boxed{4} = 6$	23 $2 + \boxed{5} = 7$	24 $17 + \boxed{1} = 18$

Art © Kevin Coulston

ANSWER KEY · ADDITION & SUBTRACTION · FOR GROWN-UPS

Answer Key: Number Line Hops

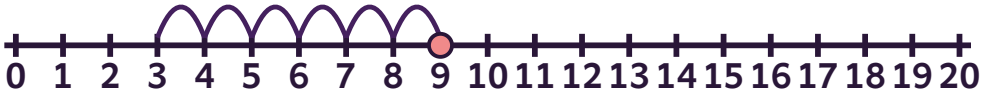
Start at the first number. Hop forward to add or back to subtract.
Where do you land?



1 $9 + 5 =$ **14**



2 $3 + 6 =$ **9**



3 $5 + 7 =$ **12**



4 $11 - 6 =$ **5**



5 $8 - 2 =$ **6**



6 $17 - 8 =$ **9**



7 $16 - 7 =$ **9**



8 $14 - 2 =$ **12**



Art © Kevin Coulston

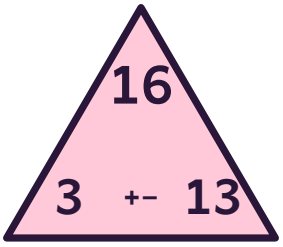
ANSWER KEY · ADDITION & SUBTRACTION · FOR GROWN-UPS

Answer Key: Fact Families: Add and Subtract

Use the three numbers to write two addition facts and two subtraction facts.



1



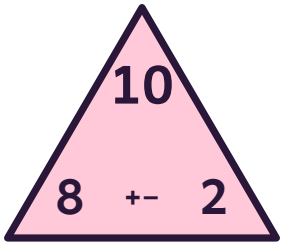
3 + 13 = 16

13 + 3 = 16

16 − 3 = 13

16 − 13 = 3

2



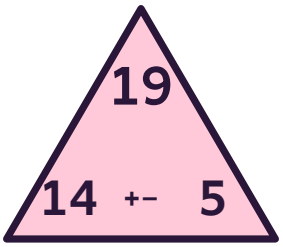
8 + 2 = 10

2 + 8 = 10

10 − 8 = 2

10 − 2 = 8

3



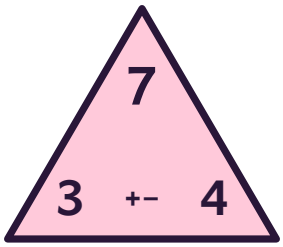
14 + 5 = 19

5 + 14 = 19

19 − 14 = 5

19 − 5 = 14

4



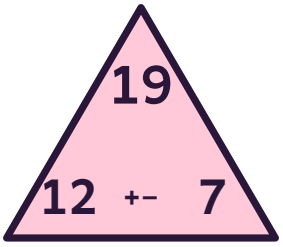
3 + 4 = 7

4 + 3 = 7

7 − 3 = 4

7 − 4 = 3

5



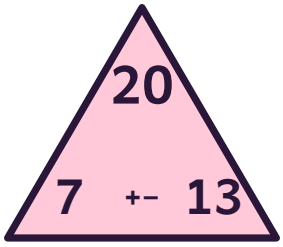
12 + 7 = 19

7 + 12 = 19

19 − 12 = 7

19 − 7 = 12

6



7 + 13 = 20

13 + 7 = 20

20 − 7 = 13

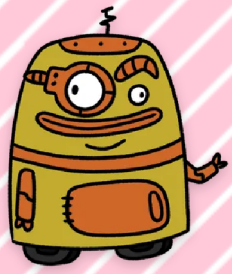
20 − 13 = 7

Art © Kevin Coulston

ANSWER KEY · ADDITION & SUBTRACTION · FOR GROWN-UPS

Answer Key: Adding Three Numbers

Add the three numbers. Tip: find two digits that make 10 first.



1

25 + 50 + 37 = **112**

2

34 + 59 + 47 = **140**

3

17 + 39 + 32 = **88**

4

26 + 14 + 11 = **51**

5

52 + 50 + 53 = **155**

6

33 + 33 + 58 = **124**

7

32 + 31 + 29 = **92**

8

23 + 40 + 34 = **97**

9

40 + 47 + 22 = **109**

10

59 + 42 + 52 = **153**

11

10 + 46 + 24 = **80**

12

29 + 54 + 50 = **133**

13

18 + 26 + 53 = **97**

14

32 + 33 + 30 = **95**

15

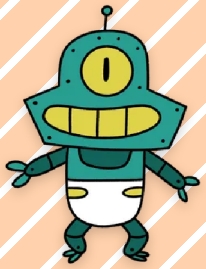
25 + 57 + 22 = **104**

Art © Kevin Coulston

ANSWER KEY · MULTIPLICATION · FOR GROWN-UPS

Answer Key: Repeated Addition to Multiplication

Count how many times the number repeats. Write it as a multiplication sentence and solve.



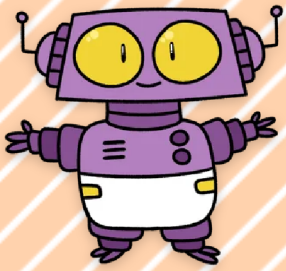
1. 3 + 3 + 3 + 3 + 3 + 3 = 6 × 3 = 18
2. 7 + 7 + 7 + 7 + 7 = 5 × 7 = 35
3. 6 + 6 + 6 = 3 × 6 = 18
4. 6 + 6 + 6 + 6 = 4 × 6 = 24
5. 9 + 9 + 9 + 9 + 9 = 5 × 9 = 45
6. 8 + 8 + 8 + 8 + 8 + 8 = 6 × 8 = 48
7. 7 + 7 + 7 + 7 + 7 + 7 = 6 × 7 = 42
8. 4 + 4 + 4 = 3 × 4 = 12
9. 4 + 4 + 4 + 4 + 4 = 5 × 4 = 20
10. 4 + 4 + 4 + 4 + 4 + 4 = 6 × 4 = 24

Art © Kevin Coulston

ANSWER KEY · MULTIPLICATION · FOR GROWN-UPS

Answer Key: Multiply by 10, 100 and 1,000

Multiply. What happens to the zeros each time?



1 $2 \times 1{,}000 = 2{,}000$	2 $5 \times 1{,}000 = 5{,}000$	3 $8 \times 100 = 800$
4 $4 \times 10 = 40$	5 $5 \times 10 = 50$	6 $5 \times 100 = 500$
7 $38 \times 10 = 380$	8 $42 \times 1{,}000 = 42{,}000$	9 $39 \times 100 = 3{,}900$
10 $29 \times 10 = 290$	11 $8 \times 10 = 80$	12 $35 \times 1{,}000 = 35{,}000$
13 $9 \times 1{,}000 = 9{,}000$	14 $7 \times 10 = 70$	15 $32 \times 10 = 320$
16 $37 \times 1{,}000 = 37{,}000$	17 $31 \times 10 = 310$	18 $17 \times 10 = 170$
19 $6 \times 10 = 60$	20 $7 \times 100 = 700$	21 $2 \times 100 = 200$
22 $12 \times 100 = 1{,}200$	23 $21 \times 10 = 210$	24 $41 \times 100 = 4{,}100$
25 $21 \times 1{,}000 = 21{,}000$	26 $3 \times 1{,}000 = 3{,}000$	27 $48 \times 10 = 480$
28 $8 \times 1{,}000 = 8{,}000$	29 $28 \times 100 = 2{,}800$	30 $4 \times 100 = 400$

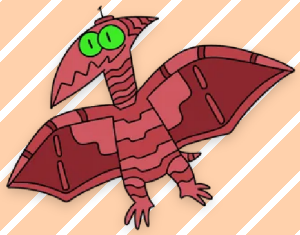
Multiplying by 10 adds one zero, by 100 adds two, by 1,000 adds three.

Art © Kevin Coulston

ANSWER KEY · MULTIPLICATION · FOR GROWN-UPS

Answer Key: Missing Factors

What number times the first number makes the product? Write it in the box.



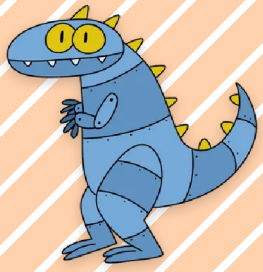
1 $4 \times \boxed{6} = 24$	2 $6 \times \boxed{10} = 60$	3 $8 \times \boxed{2} = 16$
4 $7 \times \boxed{7} = 49$	5 $7 \times \boxed{10} = 70$	6 $2 \times \boxed{6} = 12$
7 $6 \times \boxed{2} = 12$	8 $3 \times \boxed{4} = 12$	9 $5 \times \boxed{10} = 50$
10 $4 \times \boxed{5} = 20$	11 $2 \times \boxed{10} = 20$	12 $5 \times \boxed{5} = 25$
13 $3 \times \boxed{6} = 18$	14 $8 \times \boxed{5} = 40$	15 $3 \times \boxed{9} = 27$
16 $7 \times \boxed{3} = 21$	17 $9 \times \boxed{3} = 27$	18 $5 \times \boxed{2} = 10$
19 $7 \times \boxed{6} = 42$	20 $2 \times \boxed{3} = 6$	21 $5 \times \boxed{8} = 40$
22 $3 \times \boxed{3} = 9$	23 $8 \times \boxed{7} = 56$	24 $3 \times \boxed{7} = 21$
25 $6 \times \boxed{6} = 36$	26 $10 \times \boxed{8} = 80$	27 $10 \times \boxed{9} = 90$
28 $2 \times \boxed{7} = 14$	29 $2 \times \boxed{4} = 8$	30 $9 \times \boxed{7} = 63$

Art © Kevin Coulston

ANSWER KEY · MULTIPLICATION · FOR GROWN-UPS

Answer Key: Multiples on the Hundred Chart

Color the multiples of 3 yellow and the multiples of 4 blue. Which numbers get both colors?



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

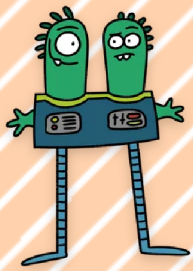
Numbers that are multiples of both 3 and 4: 12, 24, 36, 48, 60, 72, 84, 96

Art © Kevin Coulston

ANSWER KEY · MULTIPLICATION · FOR GROWN-UPS

Answer Key: Two-Digit by Two-Digit Multiplication

Multiply by the ones, then by the tens. Add the two rows.



1

$$\begin{array}{r} 43 \\ \times\ 27 \\ \hline 1161 \end{array}$$

2

$$\begin{array}{r} 41 \\ \times\ 92 \\ \hline 3772 \end{array}$$

3

$$\begin{array}{r} 57 \\ \times\ 13 \\ \hline 741 \end{array}$$

4

$$\begin{array}{r} 89 \\ \times\ 44 \\ \hline 3916 \end{array}$$

5

$$\begin{array}{r} 28 \\ \times\ 29 \\ \hline 812 \end{array}$$

6

$$\begin{array}{r} 91 \\ \times\ 83 \\ \hline 7553 \end{array}$$

7

$$\begin{array}{r} 14 \\ \times\ 96 \\ \hline 1344 \end{array}$$

8

$$\begin{array}{r} 39 \\ \times\ 74 \\ \hline 2886 \end{array}$$

9

$$\begin{array}{r} 19 \\ \times\ 20 \\ \hline 380 \end{array}$$

10

$$\begin{array}{r} 29 \\ \times\ 79 \\ \hline 2291 \end{array}$$

11

$$\begin{array}{r} 82 \\ \times\ 58 \\ \hline 4756 \end{array}$$

12

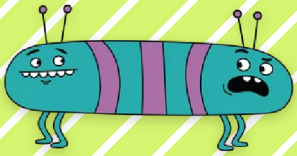
$$\begin{array}{r} 59 \\ \times\ 37 \\ \hline 2183 \end{array}$$

Art © Kevin Coulston

ANSWER KEY · DIVISION · FOR GROWN-UPS

Answer Key: Division as Sharing

Share the dots fairly between the plates. Draw them in. How many on each plate?



1

6 dots shared between **2 plates**.

●●●●●●

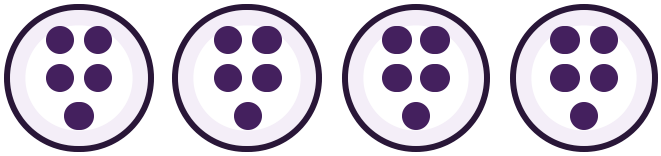


6 ÷ 2 = 3

2

20 dots shared between **4 plates**.

●●●●●●●●●●●●●●●●●●●●



20 ÷ 4 = 5

3

8 dots shared between **2 plates**.

●●●●●●●●



8 ÷ 2 = 4

4

12 dots shared between **4 plates**.

●●●●●●●●●●●●

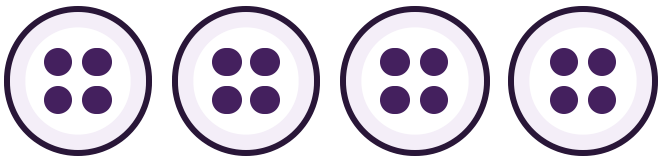


12 ÷ 4 = 3

5

16 dots shared between **4 plates**.

●●●●●●●●●●●●●●●●

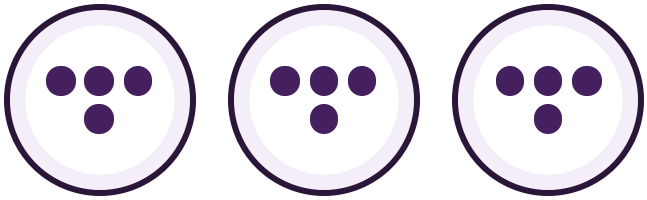


16 ÷ 4 = 4

6

12 dots shared between **3 plates**.

●●●●●●●●●●●●



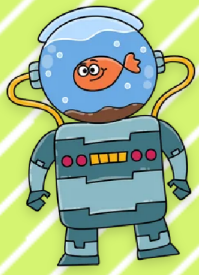
12 ÷ 3 = 4

Art © Kevin Coulston

ANSWER KEY · DIVISION · FOR GROWN-UPS

Answer Key: Division with Remainders

How many whole groups? What is left over? Write the answer with an R.



1 17 ÷ 8 = 2 R1	2 29 ÷ 5 = 5 R4	3 15 ÷ 4 = 3 R3
4 68 ÷ 9 = 7 R5	5 26 ÷ 9 = 2 R8	6 42 ÷ 5 = 8 R2
7 33 ÷ 8 = 4 R1	8 72 ÷ 8 = 9 R0	9 33 ÷ 7 = 4 R5
10 13 ÷ 3 = 4 R1	11 14 ÷ 3 = 4 R2	12 18 ÷ 7 = 2 R4
13 62 ÷ 7 = 8 R6	14 44 ÷ 9 = 4 R8	15 83 ÷ 9 = 9 R2
16 40 ÷ 6 = 6 R4	17 37 ÷ 8 = 4 R5	18 10 ÷ 3 = 3 R1
19 24 ÷ 6 = 4 R0	20 7 ÷ 2 = 3 R1	21 5 ÷ 2 = 2 R1
22 45 ÷ 5 = 9 R0	23 20 ÷ 5 = 4 R0	24 57 ÷ 8 = 7 R1

Art © Kevin Coulston

ANSWER KEY · DIVISION · FOR GROWN-UPS

Answer Key: Missing Dividends and Divisors



Fill in the box to make the fact true. Think about the multiplication fact that matches!

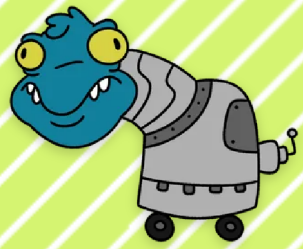
1. 63 ÷ 9 = 7
2. 35 ÷ 5 = 7
3. 16 ÷ 2 = 8
4. 4 ÷ 2 = 2
5. 8 ÷ 4 = 2
6. 36 ÷ 9 = 4
7. 20 ÷ 2 = 10
8. 100 ÷ 10 = 10
9. 42 ÷ 7 = 6
10. 10 ÷ 5 = 2
11. 32 ÷ 8 = 4
12. 30 ÷ 6 = 5
13. 18 ÷ 9 = 2
14. 18 ÷ 2 = 9
15. 49 ÷ 7 = 7
16. 12 ÷ 6 = 2
17. 50 ÷ 10 = 5
18. 25 ÷ 5 = 5
19. 27 ÷ 9 = 3
20. 45 ÷ 5 = 9
21. 20 ÷ 10 = 2
22. 42 ÷ 6 = 7
23. 15 ÷ 3 = 5
24. 32 ÷ 4 = 8
25. 60 ÷ 10 = 6
26. 36 ÷ 6 = 6
27. 40 ÷ 4 = 10
28. 24 ÷ 6 = 4
29. 18 ÷ 6 = 3
30. 72 ÷ 8 = 9

Art © Kevin Coulston

ANSWER KEY · DIVISION · FOR GROWN-UPS

Answer Key: Divide by 10, 100 and 1,000

Divide. Watch the zeros disappear!



1 70 ÷ 7 = 10

2 150 ÷ 3 = 50

3 300 ÷ 100 = 3

4 20,000 ÷ 1,000 = 20

5 50 ÷ 5 = 10

6 44,000 ÷ 1,000 = 44

7 83,000 ÷ 1,000 = 83

8 40 ÷ 2 = 20

9 630 ÷ 9 = 70

10 640 ÷ 8 = 80

11 45,000 ÷ 1,000 = 45

12 490 ÷ 10 = 49

13 120 ÷ 6 = 20

14 1,300 ÷ 100 = 13

15 76,000 ÷ 1,000 = 76

16 8,100 ÷ 100 = 81

17 4,000 ÷ 1,000 = 4

18 1,600 ÷ 100 = 16

19 39,000 ÷ 1,000 = 39

20 72,000 ÷ 1,000 = 72

21 90 ÷ 9 = 10

22 240 ÷ 3 = 80

23 160 ÷ 8 = 20

24 5,600 ÷ 100 = 56

25 400 ÷ 5 = 80

26 4,300 ÷ 100 = 43

27 230 ÷ 10 = 23

28 390 ÷ 10 = 39

29 84,000 ÷ 1,000 = 84

30 310 ÷ 10 = 31

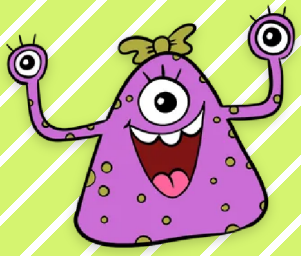
Dividing by 10 takes away one zero, by 100 two, by 1,000 three.

Art © Kevin Coulston

ANSWER KEY · DIVISION · FOR GROWN-UPS

Answer Key: Long Division by Two-Digit Numbers

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



1 43 R15 — 16) 703

2 28 R3 — 23) 647

3 93 R12 — 17) 1,593

4 108 — 23) 2,484

5 75 R1 — 37) 2,776

6 46 R36 — 48) 2,244

7 28 — 26) 728

8 210 R3 — 23) 4,833

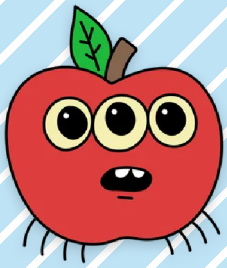
9 27 — 35) 945

Art © Kevin Coulston

ANSWER KEY · FRACTIONS · FOR GROWN-UPS

Answer Key: Equal Parts or Not?

Are the parts equal? Circle Yes or No. If yes, write halves, thirds or fourths.



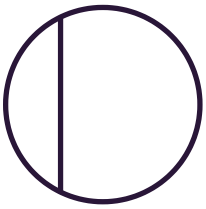
1



Yes No

fourths

2



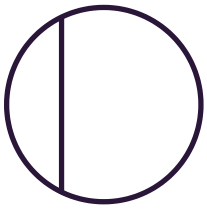
Yes **No**

3



Yes **No**

4



Yes **No**

5



Yes No

halves

6



Yes **No**

thirds

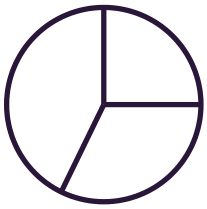
7



Yes No

thirds

8



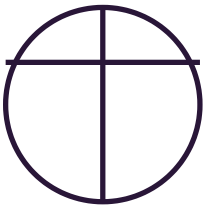
Yes **No**

9



Yes **No**

10



Yes **No**

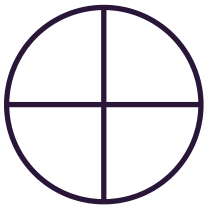
11



Yes No

halves

12



Yes No

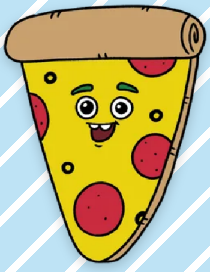
fourths

Art © Kevin Coulston

ANSWER KEY · FRACTIONS · FOR GROWN-UPS

Answer Key: Fractions of a Set

Split the set into equal groups. Color the fraction. How many did you color?



1 Color $\frac{1}{2}$ of the 6 shapes.



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

2 Color $\frac{4}{5}$ of the 10 shapes.



$\frac{4}{5}$ of 10 = 8

3 Color $\frac{1}{3}$ of the 9 shapes.



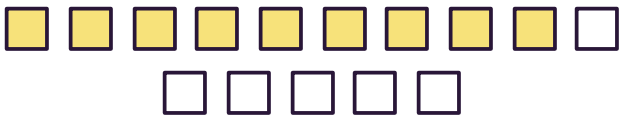
$\frac{1}{3}$ of 9 = 3

4 Color $\frac{2}{3}$ of the 12 shapes.



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

5 Color $\frac{3}{5}$ of the 15 shapes.



$\frac{3}{5}$ of 15 = 9

6 Color $\frac{2}{4}$ of the 12 shapes.



$\frac{2}{4}$ of 12 = 6

7 Color $\frac{2}{3}$ of the 9 shapes.



$\frac{2}{3}$ of 9 = 6

8 Color $\frac{1}{4}$ of the 16 shapes.



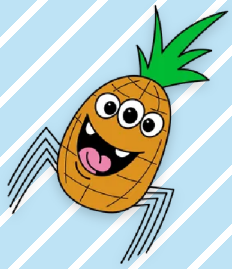
$\frac{1}{4}$ of 16 = 4

Art © Kevin Coulston

ANSWER KEY · FRACTIONS · FOR GROWN-UPS

Answer Key: Add and Subtract Fractions

Same denominator? Add or subtract the numerators. Keep the denominator.



1. $\frac{7}{10} + \frac{1}{10} = \frac{8}{10}$

2. $\frac{3}{5} - \frac{2}{5} = \frac{1}{5}$

3. $\frac{4}{6} + \frac{1}{6} = \frac{5}{6}$

4. $\frac{3}{4} + \frac{1}{4} = \frac{4}{4}$

5. $\frac{2}{5} + \frac{2}{5} = \frac{4}{5}$

6. $\frac{2}{5} + \frac{3}{5} = \frac{5}{5}$

7. $\frac{10}{12} - \frac{3}{12} = \frac{7}{12}$

8. $\frac{1}{5} + \frac{2}{5} = \frac{3}{5}$

9. $\frac{3}{4} - \frac{1}{4} = \frac{2}{4}$

10. $\frac{5}{6} - \frac{2}{6} = \frac{3}{6}$

11. $\frac{2}{4} - \frac{1}{4} = \frac{1}{4}$

12. $\frac{4}{10} + \frac{1}{10} = \frac{5}{10}$

13. $\frac{5}{6} - \frac{4}{6} = \frac{1}{6}$

14. $\frac{4}{12} + \frac{5}{12} = \frac{9}{12}$

15. $\frac{5}{8} - \frac{1}{8} = \frac{4}{8}$

16. $\frac{4}{8} + \frac{4}{8} = \frac{8}{8}$

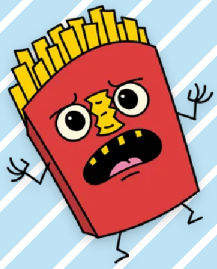
Simplify when you can: 4/8 = 1/2. Simplest forms: 1. 4/5, 2. 1/5, 3. 5/6, 4. 1, 5. 4/5, 6. 1, 7. 7/12, 8. 3/5, 9. 1/2, 10. 1/2, 11. 1/4, 12. 1/2, 13. 1/6, 14. 3/4, 15. 1/2, 16. 1

Art © Kevin Coulston

ANSWER KEY · FRACTIONS · FOR GROWN-UPS

Answer Key: Mixed Numbers and Improper Fractions

Count the wholes and the extra parts. Write it as a mixed number and as an improper fraction.

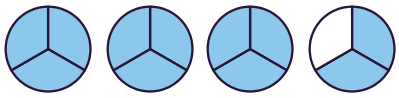


1



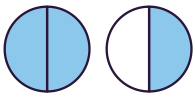
$2\frac{1}{3} = \frac{7}{3}$

2



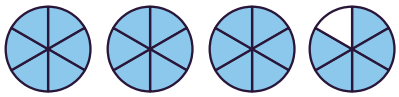
$3\frac{2}{3} = \frac{11}{3}$

3



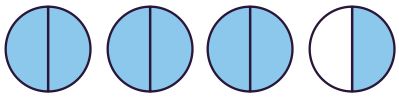
$1\frac{1}{2} = \frac{3}{2}$

4



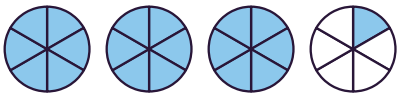
$3\frac{5}{6} = \frac{23}{6}$

5



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

6



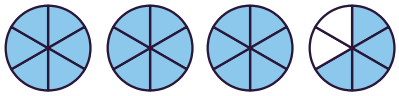
$3\frac{1}{6} = \frac{19}{6}$

7



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

8



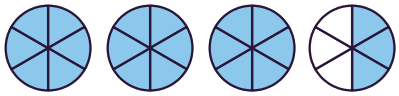
$3\frac{4}{6} = \frac{22}{6}$

9



$2\frac{2}{4} = \frac{10}{4}$

10



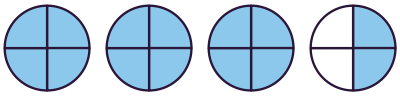
$3\frac{3}{6} = \frac{21}{6}$

11



$2\frac{3}{4} = \frac{11}{4}$

12



$3\frac{2}{4} = \frac{14}{4}$

Art © Kevin Coulston

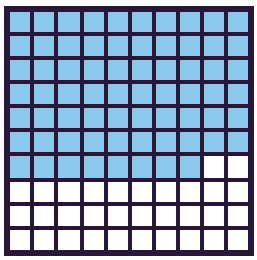
ANSWER KEY · FRACTIONS · FOR GROWN-UPS

Answer Key: Fractions and Decimals

Count the shaded parts out of 10 or 100. Write the fraction and the decimal.



1



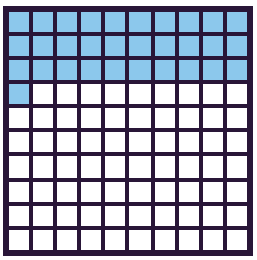
$\frac{68}{100} = 0.68$

2



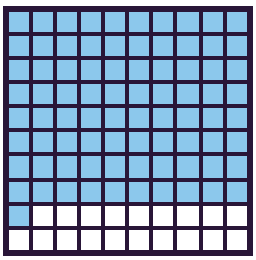
$\frac{4}{10} = 0.4$

3



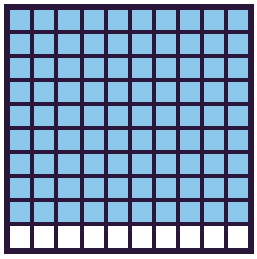
$\frac{31}{100} = 0.31$

4



$\frac{81}{100} = 0.81$

5



$\frac{90}{100} = 0.90$

6



$\frac{8}{10} = 0.8$

7



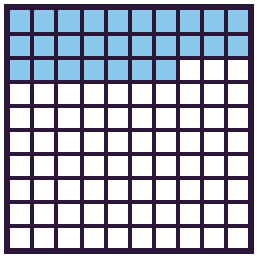
$\frac{3}{10} = 0.3$

8



$\frac{6}{10} = 0.6$

9



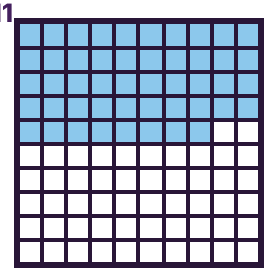
$\frac{27}{100} = 0.27$

10



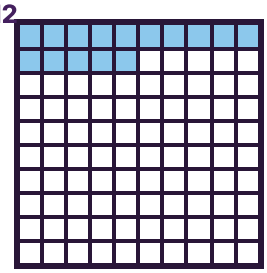
$\frac{2}{10} = 0.2$

11



$\frac{48}{100} = 0.48$

12



$\frac{15}{100} = 0.15$

Art © Kevin Coulston

ANSWER KEY · PLACE VALUE · FOR GROWN-UPS

Answer Key: Ten More, Ten Less, One More, One Less

Write the number that is 1 more, 1 less, 10 more and 10 less.



1

66 (10 more)

55 (1 less) — **56** — 57 (1 more)

10 less: 46

2

26 (10 more)

15 (1 less) — **16** — 17 (1 more)

10 less: 6

3

68 (10 more)

57 (1 less) — **58** — 59 (1 more)

10 less: 48

4

64 (10 more)

53 (1 less) — **54** — 55 (1 more)

10 less: 44

5

82 (10 more)

71 (1 less) — **72** — 73 (1 more)

10 less: 62

6

54 (10 more)

43 (1 less) — **44** — 45 (1 more)

10 less: 34

7

72 (10 more)

61 (1 less) — **62** — 63 (1 more)

10 less: 52

8

70 (10 more)

59 (1 less) — **60** — 61 (1 more)

10 less: 50

Art © Kevin Coulston

ANSWER KEY · PLACE VALUE · FOR GROWN-UPS

Answer Key: Compare and Order Numbers to 1,000

Compare the hundreds first, then the tens, then the ones.



Write <, > or =

1. 292 **=** 292
2. 335 **<** 548
3. 658 **>** 651
4. 493 **=** 493
5. 669 **>** 349
6. 857 **<** 863
7. 789 **>** 148
8. 539 **<** 796
9. 736 **>** 733
10. 951 **>** 947

Order from least to greatest

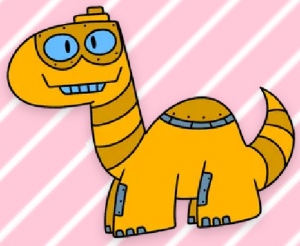
11. 833, 526, 606 → 526, 606, 833
12. 417, 616, 596 → 417, 596, 616
13. 716, 906, 821 → 716, 821, 906
14. 503, 774, 288 → 288, 503, 774
15. 858, 922, 248 → 248, 858, 922
16. 308, 750, 916 → 308, 750, 916

Art © Kevin Coulston

ANSWER KEY · PLACE VALUE · FOR GROWN-UPS

Answer Key: Value of the Underlined Digit

Which place is the underlined digit in? What is it worth? Write both.



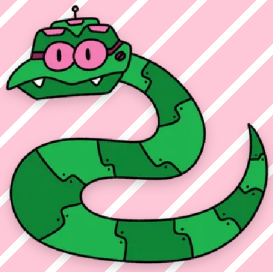
Number	Place	Value
83,327	ten thousands	80,000
5,815	hundreds	800
8,915	thousands	8,000
37,064	thousands	7,000
54,822	tens	20
5,976	ones	6
58,541	thousands	8,000
8,163	ones	3
83,978	thousands	3,000
16,605	ones	5
3,627	tens	20
3,884	ones	4
51,226	hundreds	200
92,173	tens	70
67,235	ones	5
63,546	tens	40

Art © Kevin Coulston

ANSWER KEY · PLACE VALUE · FOR GROWN-UPS

Answer Key: Build the Biggest Number

Use every card once. Make the biggest number you can, then the smallest.



1

4 1 5 8 2

Greatest: 85,421

Least: 12,458

2

8 3 2 0 5

Greatest: 85,320

Least: 20,358

3

7 5 9

Greatest: 975

Least: 579

4

8 7 2 1 0

Greatest: 87,210

Least: 10,278

5

3 4 8 6

Greatest: 8,643

Least: 3,468

6

2 8 6 0

Greatest: 8,620

Least: 2,068

7

9 1 8

Greatest: 981

Least: 189

8

4 6 7 1 5

Greatest: 76,541

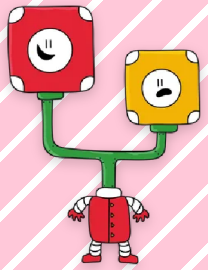
Least: 14,567

Art © Kevin Coulston

ANSWER KEY · PLACE VALUE · FOR GROWN-UPS

Answer Key: Decimal Place Value

Fill in each row. Then write <, > or = for the pairs at the bottom.



Decimal	Place of the underlined digit	Expanded form
0.5<u>2</u>9	thousandths	5 × 0.1 + 2 × 0.01 + 9 × 0.001
0.0<u>2</u>	hundredths	2 × 0.01
4.<u>2</u>8	tenths	4 + 2 × 0.1 + 8 × 0.01
5.<u>6</u>53	tenths	5 + 6 × 0.1 + 5 × 0.01 + 3 × 0.001
4.7<u>2</u>	hundredths	4 + 7 × 0.1 + 2 × 0.01
8.3<u>9</u>	hundredths	8 + 3 × 0.1 + 9 × 0.01
8.6<u>8</u>	hundredths	8 + 6 × 0.1 + 8 × 0.01
2.0<u>1</u>	hundredths	2 + 1 × 0.01
3.8<u>7</u>	hundredths	3 + 8 × 0.1 + 7 × 0.01
8.7<u>4</u>	hundredths	8 + 7 × 0.1 + 4 × 0.01

Write <, > or =

0.78 (>) 0.088 0.70 (>) 0.122 0.15 (<) 0.209

0.51 (>) 0.178 0.44 (=) 0.440

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ANSWER KEY · WORD PROBLEMS · FOR GROWN-UPS

Answer Key: Picture Word Problems

Listen to the story. Draw it. Count. Write the answer.



1 There are 3 cats on the mat. 2 more cats come. How many cats are on the mat now?

Answer: 5 cats

2 Bo has 4 balloons. 1 balloon pops. How many balloons does Bo have left?

Answer: 3 balloons

3 2 frogs sit on a log. 3 frogs sit in the pond. How many frogs are there in all?

Answer: 5 frogs

4 There are 6 cookies. The bee eats 2 cookies. How many cookies are left?

Answer: 4 cookies

Art © Kevin Coulston

ANSWER KEY · WORD PROBLEMS · FOR GROWN-UPS

Answer Key: Two-Step Word Problems

Each problem has two steps. Write both number sentences, then the answer.



1 Ava had 24 crayons. She got 12 more, then gave 9 to her brother. How many crayons does Ava have now?

Answer: 27 **crayons**

2 A bus has 18 kids on it. At the first stop 7 kids get off and 4 get on. How many kids are on the bus now?

Answer: 15 **kids**

3 Max read 15 pages on Monday and 22 pages on Tuesday. His book has 60 pages. How many pages are left?

Answer: 23 **pages**

4 There are 3 boxes with 8 markers in each box. 5 markers are dried out. How many markers still work?

Answer: 19 **markers**

5 Jo baked 36 muffins. She put 4 muffins in each bag and gave away 5 bags. How many muffins are left?

Answer: 16 **muffins**

6 Tickets cost $6 each. The Lee family buys 4 tickets and pays with $30. How much change do they get?

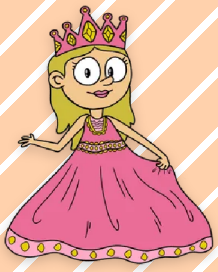
Answer: $6

Art © Kevin Coulston

ANSWER KEY · WORD PROBLEMS · FOR GROWN-UPS

Answer Key: Money Word Problems

Read each problem. Show your work. Write the answer with ¢ or $.



1 Nina has 3 dimes and 4 pennies. How much money does she have?

Answer: 34¢

2 A pencil costs 45¢. Leo pays with 2 quarters. How much change does he get?

Answer: 5¢

3 Sam has $2.50. A sticker sheet costs $1.75. How much money will Sam have left?

Answer: $0.75

4 Mia saves 25¢ every day for 6 days. How much has she saved?

Answer: $1.50

5 A juice box costs 80¢. Ben buys 3 juice boxes. How much does he pay?

Answer: $2.40

6 Kim has $5.00. She buys a book for $3.60 and a bookmark for $0.95. How much does she have left?

Answer: $0.45

Art © Kevin Coulston

ANSWER KEY · WORD PROBLEMS · FOR GROWN-UPS

Answer Key: Measurement Word Problems

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



1 A ribbon is 48 inches long. Zoe cuts off 19 inches. How long is the ribbon now?

Answer: 29 **inches**

2 A bag of apples weighs 3 pounds. How much do 7 bags weigh?

Answer: 21 **pounds**

3 A pitcher holds 2 liters. Dad pours out 750 milliliters. How much is left in the pitcher?

Answer: 1,250 **milliliters**

4 The art table is 2 meters long. How many centimeters is that?

Answer: 200 **centimeters**

5 A puppy weighed 12 pounds in May and 31 pounds in August. How much weight did it gain?

Answer: 19 **pounds**

6 Ms. Ortiz cuts a 5-foot board into pieces that are 1 foot long. How many pieces does she get?

Answer: 5 **pieces**

Art © Kevin Coulston

ANSWER KEY · WORD PROBLEMS · FOR GROWN-UPS

Answer Key: Fraction Word Problems

Read each problem twice. Draw a model. Show your work. Write the answer.



1 A pizza is cut into 8 equal slices. Jay eats 3 slices. What fraction of the pizza is left?

Answer: 5/8

2 Lily ran 3/4 of a mile and then 1/4 of a mile more. How far did she run in all?

Answer: 1 mile

3 A class has 20 kids. 1/4 of them bring lunch from home. How many kids bring lunch from home?

Answer: 5 kids

4 Ted drank 2/6 of his juice. Ann drank 1/3 of hers. Who drank more? Write the same amount, or the name of the person.

Answer: same amount

5 A recipe uses 2/3 cup of sugar. Mom makes it 3 times. How many cups of sugar does she use?

Answer: 2 cups

Art © Kevin Coulston

ANSWER KEY · TELLING TIME · FOR GROWN-UPS

Answer Key: Read a Calendar

Use the calendar to answer each question.



June

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4 Field trip
5	6	7	8	9	10	11 Art show
12	13	14	15	16	17	18
19 No school	20	21	22	23	24	25 Last day
26	27	28	29	30		

What day of the week is June 11? Saturday

How many days are in June? 30

How many Saturdays are in June? 4

What is the date of the field trip? June 4

What day of the week is the art show? Saturday

What is the date one week after the field trip? June 11

How many days are there from the art show to the last day? 14

What is the date of the first Monday? June 6

What day of the week is the last day of the month? Thursday

Today is June 15. What was the date 4 days ago? June 11

Art © Kevin Coulston

ANSWER KEY · TELLING TIME · FOR GROWN-UPS

Answer Key: Match Analog and Digital Clocks

Read each clock. Draw a line to the digital time that matches.















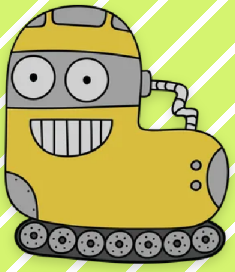
- 4:15
- 4:00
- 10:15
- 1:15
- 7:30
- 5:15

Art © Kevin Coulston

ANSWER KEY · TELLING TIME · FOR GROWN-UPS

Answer Key: Quarter Past and Quarter To

Write the time two ways: with numbers, and with “quarter past” or “quarter to”.



1



3:45

quarter to 4

2



5:15

quarter past 5

3



11:45

quarter to 12

4



6:15

quarter past 6

5



12:15

quarter past 12

6



7:45

quarter to 8

7



2:45

quarter to 3

8



7:15

quarter past 7

9



5:45

quarter to 6

10



1:45

quarter to 2

11



10:15

quarter past 10

12



9:45

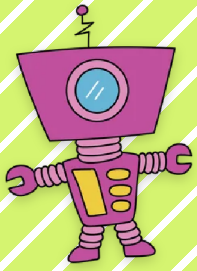
quarter to 10

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ANSWER KEY · TELLING TIME · FOR GROWN-UPS

Answer Key: What Time Will It Be?

Read the clock. Count forward or back. Write the new time.



1



In 10 minutes it will be

2:30

2



20 minutes ago it was

5:45

3



In 1 hour it will be

7:55

4



10 minutes ago it was

9:05

5



1½ hours ago it was

10:45

6



In 2 hours it will be

2:00

7



In 1½ hours it will be

4:00

8



2 hours ago it was

12:05

9



In 30 minutes it will be

6:15

10



15 minutes ago it was

9:55

11



10 minutes ago it was

4:30

12



In 1 hour it will be

8:05

Art © Kevin Coulston

ANSWER KEY · TELLING TIME · FOR GROWN-UPS

Answer Key: Units of Time

Use the facts in the box. Multiply to change to smaller units, divide to change to bigger units.



Time facts

1 minute = 60 seconds 1 hour = 60 minutes 1 day = 24 hours 1 week = 7 days

1 2 days = 48 hours

2 48 hours = 2 days

3 9 weeks = 63 days

4 60 minutes = 1 hours

5 2 hours = 120 minutes

6 1 week = 7 days

7 420 minutes = 7 hours

8 5 days = 120 hours

9 6 days = 144 hours

10 1 minute = 60 seconds

11 240 minutes = 4 hours

12 144 hours = 6 days

13 120 hours = 5 days

14 6 minutes = 360 seconds

15 72 hours = 3 days

16 42 days = 6 weeks

17 3 days = 72 hours

18 14 days = 2 weeks

Art © Kevin Coulston

ANSWER KEY · MONEY · FOR GROWN-UPS

Answer Key: Draw the Coins

Draw coins to make the amount. Write P, N, D or Q in each circle. Use as few coins as you can!



1

14¢

D P P

P P

2

60¢

Q Q D

3

10¢

D

4

55¢

Q Q N

5

20¢

D D

6

90¢

Q Q Q

D N

7

86¢

Q Q Q

D P

8

26¢

Q P

Art © Kevin Coulston

ANSWER KEY · MONEY · FOR GROWN-UPS

Answer Key: Which Is Worth More?

Count each side. Write <, > or = in the circle.



1

QUARTER DOLLAR · ONE DIME · ONE CENT — 36¢ **<** QUARTER DOLLAR · ONE DIME · ONE DIME · ONE DIME · FIVE CENTS — 60¢

2

QUARTER DOLLAR · QUARTER DOLLAR — 50¢ **>** ONE CENT · ONE CENT — 2¢

3

QUARTER DOLLAR · ONE DIME · FIVE CENTS · ONE CENT — 41¢ **>** QUARTER DOLLAR · FIVE CENTS · FIVE CENTS · ONE CENT — 36¢

4

QUARTER DOLLAR · ONE DIME · ONE DIME · ONE CENT — 46¢ **>** FIVE CENTS · ONE CENT — 6¢

5

FIVE CENTS · FIVE CENTS · FIVE CENTS · ONE CENT — 16¢ **<** QUARTER DOLLAR · QUARTER DOLLAR · ONE DIME · ONE CENT — 61¢

6

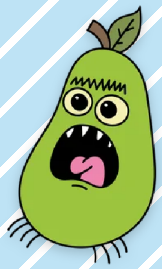
ONE CENT · ONE CENT — 2¢ **<** ONE DIME · ONE DIME · ONE DIME · FIVE CENTS · ONE CENT — 36¢

Art © Kevin Coulston

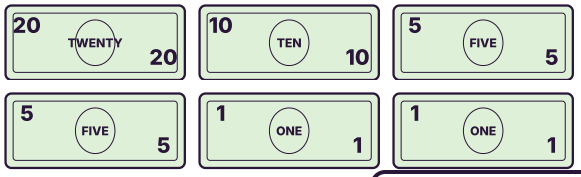
ANSWER KEY · MONEY · FOR GROWN-UPS

Answer Key: Count Bills to $100

Count the bills. Start with the twenties, then tens, fives and ones.

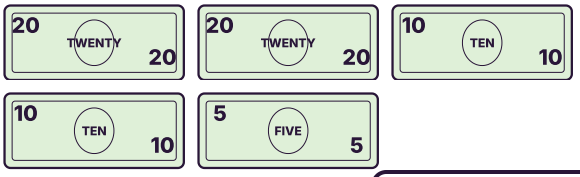


1



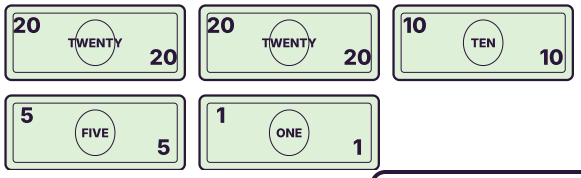
Total: $42

2



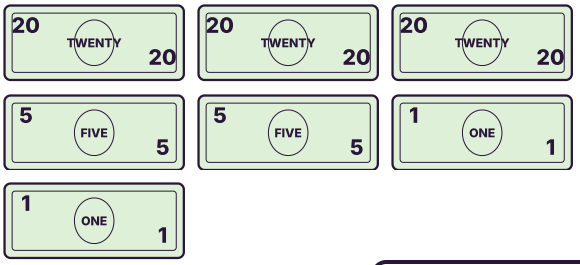
Total: $65

3



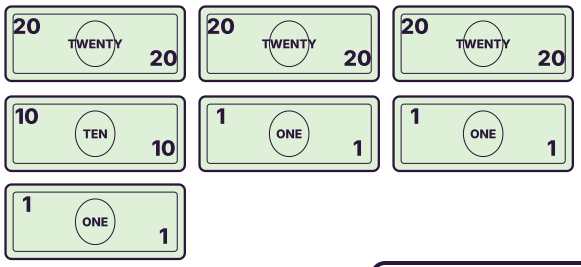
Total: $56

4



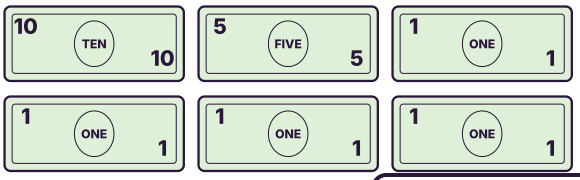
Total: $72

5



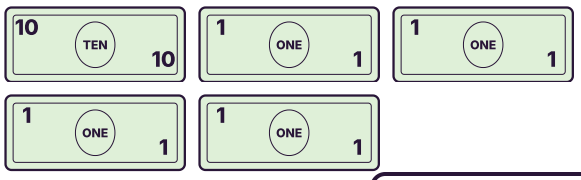
Total: $73

6



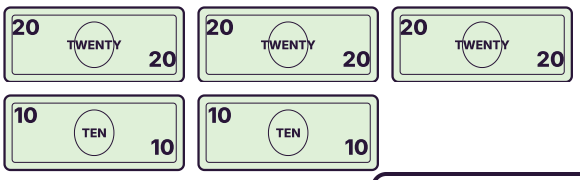
Total: $19

7



Total: $14

8



Total: $80

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ANSWER KEY · MONEY · FOR GROWN-UPS

Answer Key: Add and Subtract Money

Line up the decimal points. Add or subtract. Put the $ and the point in your answer.



1

$10.48
− $2.67
$7.81

2

$15.97
+ $13.15
$29.12

3

$7.76
+ $9.87
$17.63

4

$28.83
− $14.43
$14.40

5

$28.75
+ $6.81
$35.56

6

$25.65
+ $10.29
$35.94

7

$14.36
+ $1.77
$16.13

8

$25.14
+ $3.38
$28.52

9

$22.82
− $11.19
$11.63

10

$2.21
+ $24.01
$26.22

11

$19.85
+ $15.07
$34.92

12

$25.92
+ $8.47
$34.39

13

$11.65
− $11.06
$0.59

14

$22.86
− $1.18
$21.68

15

$28.49
− $23.68
$4.81

Art © Kevin Coulston

ANSWER KEY · MONEY · FOR GROWN-UPS

Answer Key: Saving Up

Divide the price by the weekly allowance. How many weeks until you can buy it? What is left over?



Saving for	Price	Allowance	Weeks to save	Left over
a skateboard	$45	$2 a week	23	$1
a comic book	$6	$2 a week	3	$0
a soccer ball	$15	$2 a week	8	$1
headphones	$30	$5 a week	6	$0
a board game	$20	$3 a week	7	$1
a kite	$9	$3 a week	3	$0

Example: a $14 game at $4 a week takes 4 weeks (3 weeks is only $12). You will have $16, so $2 is left over.

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