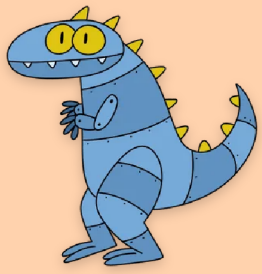
MATH WORKSHEET · GRADE 4 · MULTIPLICATION

Area Model Multiplication

Break the big number into hundreds, tens and ones. Multiply each part. Add the parts together.

Name: _____ **Date:** _____



1

21 × 4

	20	1
4		

☐ + ☐ = ☐

2

22 × 5

	20	2
5		

☐ + ☐ = ☐

3

26 × 4

	20	6
4		

☐ + ☐ = ☐

4

28 × 3

	20	8
3		

☐ + ☐ = ☐

5

51 × 9

	50	1
9		

☐ + ☐ = ☐

6

432 × 9

	400	30	2
9			

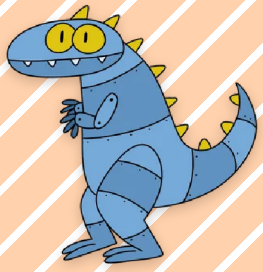
☐ + ☐ + ☐ = ☐

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ANSWER KEY · MULTIPLICATION · FOR GROWN-UPS

Answer Key: Area Model Multiplication

Break the big number into hundreds, tens and ones. Multiply each part. Add the parts together.



1

21 × 4

	20	1
4	80	4

80 + 4 = 84

2

22 × 5

	20	2
5	100	10

100 + 10 = 110

3

26 × 4

	20	6
4	80	24

80 + 24 = 104

4

28 × 3

	20	8
3	60	24

60 + 24 = 84

5

51 × 9

	50	1
9	450	9

450 + 9 = 459

6

432 × 9

	400	30	2
9	3600	270	18

3600 + 270 + 18 = 3888

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