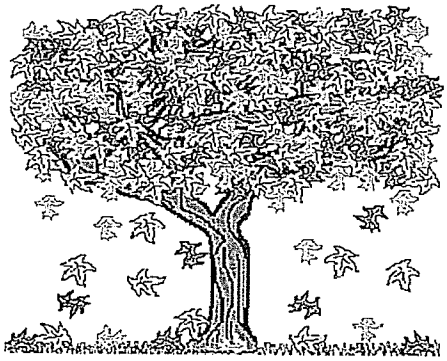
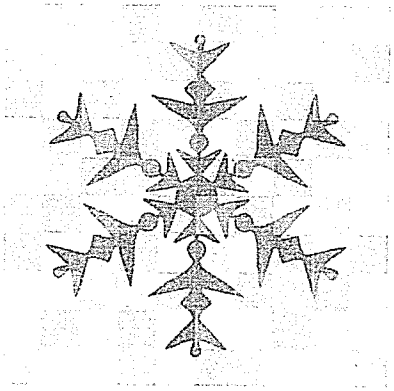
5th Grade Math

Week of November 30 - December 5, 2020

 or 

Name _____

* Please do not complete until advised by teacher*

November 30, 2020

McKenna has 34 stuffed animals. Kenley has twice as many as McKenna. How many stuffed animals do the two girls have in all?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Monday, November 30, 2020 Lesson 4-6 Exit Ticket

Multiply each.

1. 8.6 x 9.2

2. 0.2 x 4.6

A

Correct _____

Multiply.

1	12 x 10 =		23	34 x 10 =	
2	14 x 10 =		24	134 x 10 =	
3	15 x 10 =		25	234 x 10 =	
4	17 x 10 =		26	334 x 10 =	
5	81 x 10 =		27	834 x 10 =	
6	10 x 81 =		28	10 x 834 =	
7	21 x 10 =		29	45 x 10 =	
8	22 x 10 =		30	145 x 10 =	
9	23 x 10 =		31	245 x 10 =	
10	29 x 10 =		32	345 x 10 =	
11	92 x 10 =		33	945 x 10 =	
12	10 x 92 =		34	56 x 10 =	
13	18 x 10 =		35	456 x 10 =	
14	19 x 10 =		36	556 x 10 =	
15	20 x 10 =		37	950 x 10 =	
16	30 x 10 =		38	10 x 950 =	
17	40 x 10 =		39	16 x 10 =	
18	80 x 10 =		40	10 x 60 =	
19	10 x 80 =		41	493 x 10 =	
20	10 x 50 =		42	10 x 84 =	
21	10 x 90 =		43	96 x 10 =	
22	10 x 70 =		44	10 x 580 =	

B

Improvement _____ # Correct _____

Multiply.

1	13 x 10 =		23	43 x 10 =	
2	14 x 10 =		24	143 x 10 =	
3	15 x 10 =		25	243 x 10 =	
4	19 x 10 =		26	343 x 10 =	
5	91 x 10 =		27	743 x 10 =	
6	10 x 91 =		28	10 x 743 =	
7	31 x 10 =		29	54 x 10 =	
8	32 x 10 =		30	154 x 10 =	
9	33 x 10 =		31	254 x 10 =	
10	38 x 10 =		32	354 x 10 =	
11	83 x 10 =		33	854 x 10 =	
12	10 x 83 =		34	65 x 10 =	
13	28 x 10 =		35	465 x 10 =	
14	29 x 10 =		36	565 x 10 =	
15	30 x 10 =		37	960 x 10 =	
16	40 x 10 =		38	10 x 960 =	
17	50 x 10 =		39	17 x 10 =	
18	90 x 10 =		40	10 x 70 =	
19	10 x 90 =		41	582 x 10 =	
20	10 x 20 =		42	10 x 73 =	
21	10 x 60 =		43	98 x 10 =	
22	10 x 80 =		44	10 x 470 =	

Name _____

Practice Video Tools Games

Additional Practice 4-6
Multiply Decimals Using Partial Products

Another Look!

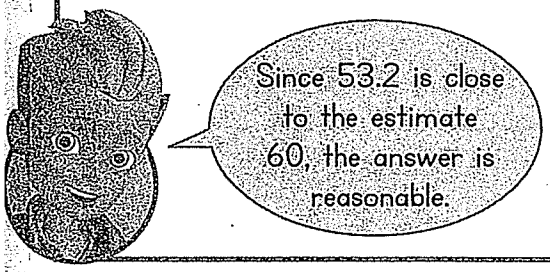
If a truck travels 9.5 miles on 1 gallon of fuel, how many miles will the truck travel on 5.6 gallons of fuel?

Step 1

First, estimate your product so you can check for reasonableness.

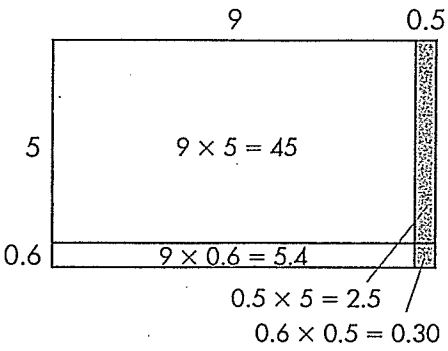
9.5×5.6

$10 \times 6 = 60$



Step 2

Add all the partial products to find the answer. Use an area model if you need help keeping track of them.



$$\begin{array}{r} 9.5 \\ \times\ 5.6 \\ \hline \end{array}$$

$.6 \times .5 =$	.30
$.6 \times 9 =$	5.4
$5 \times .5 =$	2.5
$5 \times 9 =$	45
	53.20

The truck will travel 53.2 miles on 5.6 gallons of fuel.

1. If a truck travels 8.6 miles on 1 gallon of fuel, how many miles will the truck travel on 9.2 gallons of fuel? Estimate. Then, find the product. Is your answer is reasonable? Explain.

Estimate:

8.6×9.2

$\square \times \square = \square$

$$\begin{array}{r} 8.6 \\ \times\ 9.2 \\ \hline \square\square\square \\ \square\square\square \\ \square\square\square \\ +\ \square\square\square\square \\ \hline \square\square\square\square \end{array}$$

In **2–9**, estimate first. Then multiply using partial products. Check that your answer is reasonable.

2. $\begin{array}{r} 0.2 \\ \times\ 4.6 \\ \hline \end{array}$

3. $\begin{array}{r} 3.9 \\ \times\ 7.1 \\ \hline \end{array}$

4. $\begin{array}{r} 5.4 \\ \times\ 0.1 \\ \hline \end{array}$

5. $\begin{array}{r} 15.3 \\ \times\ 6.4 \\ \hline \end{array}$

6. 9.3×5.8

7. 23.7×4.4

8. 0.8×0.5

9. 13.2×0.3

December 1, 2020

Aria was having a birthday party for her friend. She ordered two pizzas for the party. Each pizza had 24 slices. When the party was over, 17 slices were left. How many slices of pizza were eaten at the party?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Tuesday, December 1, 2020

Lesson 4-7 Exit Ticket

Find each product.

1. 0.2 x 0.9

2. 2.5 x 0.33

A

Multiply.

Correct _____

1	1 x 3 =		23	10 x 3 =	
2	3 x 1 =		24	9 x 3 =	
3	2 x 3 =		25	4 x 3 =	
4	3 x 2 =		26	8 x 3 =	
5	3 x 3 =		27	5 x 3 =	
6	4 x 3 =		28	7 x 3 =	
7	3 x 4 =		29	6 x 3 =	
8	5 x 3 =		30	3 x 10 =	
9	3 x 5 =		31	3 x 5 =	
10	6 x 3 =		32	3 x 6 =	
11	3 x 6 =		33	3 x 1 =	
12	7 x 3 =		34	3 x 9 =	
13	3 x 7 =		35	3 x 4 =	
14	8 x 3 =		36	3 x 3 =	
15	3 x 8 =		37	3 x 2 =	
16	9 x 3 =		38	3 x 7 =	
17	3 x 9 =		39	3 x 8 =	
18	10 x 3 =		40	11 x 3 =	
19	3 x 10 =		41	3 x 11 =	
20	3 x 3 =		42	12 x 3 =	
21	1 x 3 =		43	3 x 13 =	
22	2 x 3 =		44	13 x 3 =	

B

Improvement _____ # Correct _____

Multiply.

1	3 x 1 =		23	9 x 3 =	
2	1 x 3 =		24	3 x 3 =	
3	3 x 2 =		25	8 x 3 =	
4	2 x 3 =		26	4 x 3 =	
5	3 x 3 =		27	7 x 3 =	
6	3 x 4 =		28	5 x 3 =	
7	4 x 3 =		29	6 x 3 =	
8	3 x 5 =		30	3 x 5 =	
9	5 x 3 =		31	3 x 10 =	
10	3 x 6 =		32	3 x 1 =	
11	6 x 3 =		33	3 x 6 =	
12	3 x 7 =		34	3 x 4 =	
13	7 x 3 =		35	3 x 9 =	
14	3 x 8 =		36	3 x 2 =	
15	8 x 3 =		37	3 x 7 =	
16	3 x 9 =		38	3 x 3 =	
17	9 x 3 =		39	3 x 8 =	
18	3 x 10 =		40	11 x 3 =	
19	10 x 3 =		41	3 x 11 =	
20	1 x 3 =		42	13 x 3 =	
21	10 x 3 =		43	3 x 13 =	
22	2 x 3 =		44	12 x 3 =	

Name _____

Practice Video Tools Games

Additional Practice 4-7
Use Properties to Multiply Decimals

Another Look!

Marco hiked 2.5 miles in an hour. If he continues at the same speed, how far will he hike in 3.25 hours?

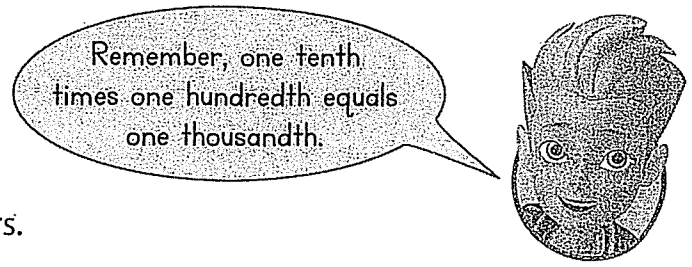
$2.5 \times 3.25 =$

$= (25 \times 325) \times (0.1 \times 0.01)$

$= 8{,}125 \times 0.001$

$= 8.125$

Marco will hike 8.125 miles in 3.25 hours.



1. To find 0.6×0.35, multiply the whole numbers _____ and _____ by the decimals _____ and _____. The product is _____.

In **2–16**, write each product.

2. 0.2×0.9

3. 0.58×0.3

4. 2.5×0.77

5. 3.1×0.4

6. 0.07×1.2

7. 14.3×0.8

8. 0.1×2.85

9. 1.18×0.6

10. 9.2×0.01

11. 0.45×5.5

12. 3.9×3.9

13. 0.16×0.5

14. 0.55×6.9

15. 0.1×7.25

16. 0.13×0.5

December 2, 2020

Bryant, Brenda, and Jack went bowling together. Bryant's score was 55. Jack's score was exactly double Bryant's. Brenda had 13 fewer points than Jack. What was Brenda's score?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Wednesday, December 2, 2020 Lesson 4-8 Exit Ticket

The product is shown without the decimal point. Use number sense to place the decimal point appropriately.

1. 6 x 5.01 = 3 0 0 6

2. 12.8 x 3.2 = 4 0 9 6

A

Correct _____

Round to the nearest whole number.

1	3.1 ≈		23	12.51 ≈	
2	3.2 ≈		24	16.61 ≈	
3	3.3 ≈		25	17.41 ≈	
4	3.4 ≈		26	11.51 ≈	
5	3.5 ≈		27	11.49 ≈	
6	3.6 ≈		28	13.49 ≈	
7	3.9 ≈		29	13.51 ≈	
8	13.9 ≈		30	15.51 ≈	
9	13.1 ≈		31	15.49 ≈	
10	13.5 ≈		32	6.3 ≈	
11	7.5 ≈		33	7.6 ≈	
12	8.5 ≈		34	49.5 ≈	
13	9.5 ≈		35	3.45 ≈	
14	19.5 ≈		36	17.46 ≈	
15	29.5 ≈		37	11.76 ≈	
16	89.5 ≈		38	5.2 ≈	
17	2.4 ≈		39	12.8 ≈	
18	2.41 ≈		40	59.5 ≈	
19	2.42 ≈		41	5.45 ≈	
20	2.45 ≈		42	19.47 ≈	
21	2.49 ≈		43	19.87 ≈	
22	2.51 ≈		44	69.51 ≈	

B

Improvement _____ # Correct _____

Round to the nearest whole number.

1	4.1 ≈		23	13.51 ≈	
2	4.2 ≈		24	17.61 ≈	
3	4.3 ≈		25	18.41 ≈	
4	4.4 ≈		26	12.51 ≈	
5	4.5 ≈		27	12.49 ≈	
6	4.6 ≈		28	14.49 ≈	
7	4.9 ≈		29	14.51 ≈	
8	14.9 ≈		30	16.51 ≈	
9	14.1 ≈		31	16.49 ≈	
10	14.5 ≈		32	7.3 ≈	
11	7.5 ≈		33	8.6 ≈	
12	8.5 ≈		34	39.5 ≈	
13	9.5 ≈		35	4.45 ≈	
14	19.5 ≈		36	18.46 ≈	
15	29.5 ≈		37	12.76 ≈	
16	79.5 ≈		38	6.2 ≈	
17	3.4 ≈		39	13.8 ≈	
18	3.41 ≈		40	49.5 ≈	
19	3.42 ≈		41	6.45 ≈	
20	3.45 ≈		42	19.48 ≈	
21	3.49 ≈		43	19.78 ≈	
22	3.51 ≈		44	59.51 ≈	

Name _____

Practice Video Tools Games

Additional Practice 4-8
Use Number Sense to Multiply Decimals

Another Look!

Amelia can walk 3.6 miles in one hour. How far can she walk in 2.1 hours?

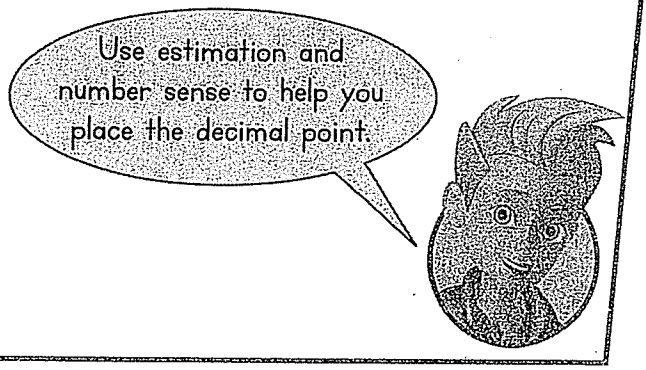
$3.6 \times 2.1 = 756$

Use number sense to place the decimal in the product.

75.6 and 756 are not reasonable answers.

Estimate: $3 \times 2 = 6$ and $4 \times 2 = 8$.
So the answer is between 6 and 8.

Amelia will walk 7.56 miles in 2.1 hours.



In **1–4**, the product is shown without the decimal point. Use number sense to place the decimal point appropriately.

1. $6 \times 5.01 = 3006$

2. $12.8 \times 3.2 = 4096$

3. $4.06 \times 20.1 = 81606$

4. $24 \times 6.3 = 1512$

In **5–10**, tell whether or not the decimal point has been placed correctly in the product. If not, rewrite the product with the decimal point correctly placed.

5. $0.6 \times 0.7 = 0.042$

6. $1.1 \times 13.8 = 1.518$

7. $8.06 \times 3 = 241.8$

8. $19 \times 8.3 = 157.7$

9. $2.8 \times 345.1 = 966.28$

10. $56.2 \times 7.9 = 4{,}439.8$

11. Jordan enters 3.4×6.8 into his calculator. He writes the digits 2312 from the display and forgets the decimal point. Where should Jordan write the decimal point? Explain.

December 3, 2020

Calvin paints pictures and sells them at art shows. He charges $56.25 for a large painting. He charges $25.80 for a small painting. Last month he sold three large paintings and two small paintings. How much did he make in all?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Thursday, December 3, 2020 Lesson 4-9 Exit Ticket

The dog park is made up of two rectangular sections, "Big Dogs" and "Little Dogs".

Section	Dimensions
Big Dog	56 feet by 23.5 feet
Little Dog	24 feet by 15.5 feet

What is the total area of the dog park?

A

Correct _____

Multiply or divide.

1	2 x 10 =		23	___ x 10 = 100	
2	3 x 10 =		24	___ x 10 = 20	
3	4 x 10 =		25	___ x 10 = 30	
4	5 x 10 =		26	100 ÷ 10 =	
5	1 x 10 =		27	50 ÷ 10 =	
6	20 ÷ 10 =		28	10 ÷ 10 =	
7	30 ÷ 10 =		29	20 ÷ 10 =	
8	50 ÷ 10 =		30	30 ÷ 10 =	
9	10 ÷ 10 =		31	___ x 10 = 60	
10	40 ÷ 10 =		32	___ x 10 = 70	
11	6 x 10 =		33	___ x 10 = 90	
12	7 x 10 =		34	___ x 10 = 80	
13	8 x 10 =		35	70 ÷ 10 =	
14	9 x 10 =		36	90 ÷ 10 =	
15	10 x 10 =		37	60 ÷ 10 =	
16	80 ÷ 10 =		38	80 ÷ 10 =	
17	70 ÷ 10 =		39	11 x 10 =	
18	90 ÷ 10 =		40	110 ÷ 10 =	
19	60 ÷ 10 =		41	30 ÷ 10 =	
20	100 ÷ 10 =		42	120 ÷ 10 =	
21	___ x 10 = 50		43	14 x 10 =	
22	___ x 10 = 10		44	140 ÷ 10 =	

B

Improvement _____ # Correct _____

Multiply or divide.

1	1 x 10 =		23	___ x 10 = 20	
2	2 x 10 =		24	___ x 10 = 100	
3	3 x 10 =		25	___ x 10 = 30	
4	4 x 10 =		26	20 ÷ 10 =	
5	5 x 10 =		27	10 ÷ 10 =	
6	30 ÷ 10 =		28	100 ÷ 10 =	
7	20 ÷ 10 =		29	50 ÷ 10 =	
8	40 ÷ 10 =		30	30 ÷ 10 =	
9	10 ÷ 10 =		31	___ x 10 = 30	
10	50 ÷ 10 =		32	___ x 10 = 40	
11	10 x 10 =		33	___ x 10 = 90	
12	6 x 10 =		34	___ x 10 = 70	
13	7 x 10 =		35	80 ÷ 10 =	
14	8 x 10 =		36	90 ÷ 10 =	
15	9 x 10 =		37	60 ÷ 10 =	
16	70 ÷ 10 =		38	70 ÷ 10 =	
17	60 ÷ 10 =		39	11 x 10 =	
18	80 ÷ 10 =		40	110 ÷ 10 =	
19	100 ÷ 10 =		41	120 x 10 =	
20	90 ÷ 10 =		42	120 ÷ 10 =	
21	___ x 10 = 10		43	13 x 10 =	
22	___ x 10 = 50		44	130 ÷ 10 =	

Name _____

Practice Video Tools Games

Additional Practice 4-9
Model with Math

Another Look!

The Franklin School library is made up of two rectangular regions, the Reading Room and the Computer Lab. What is the total area of the library?

Franklin School Library	
Section	**Dimensions**
Reading room	24 meters by 19.6 meters
Computer lab	9.2 meters by 8.5 meters

Write an equation to represent this situation. Let A represent the total area.

$A = (24 \times 19.6) + (9.2 \times 8.5)$

Multiply to find the area of each room.

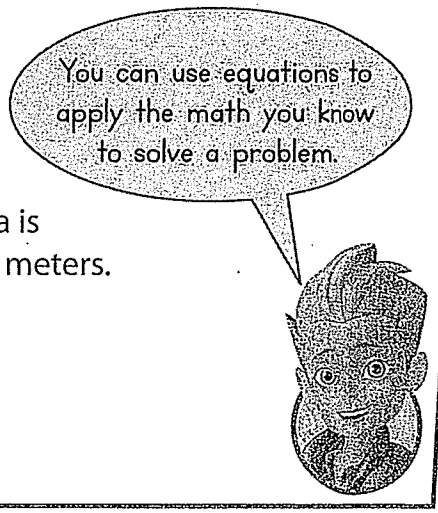
$$\begin{aligned} 24 \times 19.6 &= 24 \times (196 \times 0.1) \\ &= (24 \times 196) \times 0.1 \\ &= 4{,}704 \times 0.1 \\ &= 470.4 \end{aligned}$$

$$\begin{array}{r} 9.2 \\ \times\ 8.5 \\ \hline 0.10 \\ 4.5 \\ 1.6 \\ 72 \\ \hline 78.2 \end{array}$$

Add to find the total area.

$$\begin{array}{r} {\scriptstyle 1} \\ 470.4 \\ +\ 78.2 \\ \hline 548.6 \end{array}$$

The total area is 548.6 square meters.



Model with Math

Mrs. Gordon measured three rectangular rooms she wants to tile. What is the total area of the rooms?

Family room	24.5 ft by 16 ft
Kitchen	15 ft by 12.75 ft
Laundry room	10.5 ft by 10.5 ft

1. Describe the steps you would take to solve the problem.

2. Write an equation to represent the problem.

3. What is the solution to the problem?

December 4, 2020

BCCS-B was playing touch football against Henry Johnson. Touchdowns were worth 7 points. BCCS-B scored 7 touchdowns. Henry Johnson scored 5 touchdowns. How many more points did BCCS-B score than Henry Johnson?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

A

Correct _____

Multiply.

1	1 x 3 =		23	10 x 3 =	
2	3 x 1 =		24	9 x 3 =	
3	2 x 3 =		25	4 x 3 =	
4	3 x 2 =		26	8 x 3 =	
5	3 x 3 =		27	5 x 3 =	
6	4 x 3 =		28	7 x 3 =	
7	3 x 4 =		29	6 x 3 =	
8	5 x 3 =		30	3 x 10 =	
9	3 x 5 =		31	3 x 5 =	
10	6 x 3 =		32	3 x 6 =	
11	3 x 6 =		33	3 x 1 =	
12	7 x 3 =		34	3 x 9 =	
13	3 x 7 =		35	3 x 4 =	
14	8 x 3 =		36	3 x 3 =	
15	3 x 8 =		37	3 x 2 =	
16	9 x 3 =		38	3 x 7 =	
17	3 x 9 =		39	3 x 8 =	
18	10 x 3 =		40	11 x 3 =	
19	3 x 10 =		41	3 x 11 =	
20	3 x 3 =		42	12 x 3 =	
21	1 x 3 =		43	3 x 13 =	
22	2 x 3 =		44	13 x 3 =	

B Improvement _____ # Correct _____

Multiply.

1	3 x 1 =		23	9 x 3 =	
2	1 x 3 =		24	3 x 3 =	
3	3 x 2 =		25	8 x 3 =	
4	2 x 3 =		26	4 x 3 =	
5	3 x 3 =		27	7 x 3 =	
6	3 x 4 =		28	5 x 3 =	
7	4 x 3 =		29	6 x 3 =	
8	3 x 5 =		30	3 x 5 =	
9	5 x 3 =		31	3 x 10 =	
10	3 x 6 =		32	3 x 1 =	
11	6 x 3 =		33	3 x 6 =	
12	3 x 7 =		34	3 x 4 =	
13	7 x 3 =		35	3 x 9 =	
14	3 x 8 =		36	3 x 2 =	
15	8 x 3 =		37	3 x 7 =	
16	3 x 9 =		38	3 x 3 =	
17	9 x 3 =		39	3 x 8 =	
18	3 x 10 =		40	11 x 3 =	
19	10 x 3 =		41	3 x 11 =	
20	1 x 3 =		42	13 x 3 =	
21	10 x 3 =		43	3 x 13 =	
22	2 x 3 =		44	12 x 3 =	

Enrichment

Enrichment

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