

Name: \_\_\_\_\_

Here's how 863 is multiplied by 5.

Example:

#1

$$3 \text{ ones} \times 5 = \underline{15}$$

$$= \underline{1} \text{ ten } \underline{5} \text{ ones}$$

$$\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$$

#2

$$6 \text{ tens} \times 5 = \underline{30} \text{ tens}$$

$$= \underline{3} \text{ hundreds } \underline{0} \text{ tens}$$

$$\begin{array}{r} 60 \\ \times 5 \\ \hline 300 \end{array}$$

#3

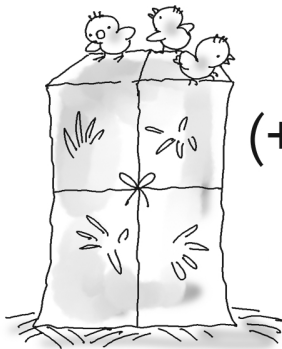
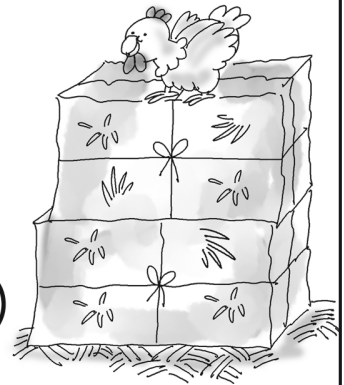
$$8 \text{ hundreds} \times 5 = \underline{40} \text{ hundreds}$$

$$= \underline{4} \text{ thousands } \underline{0} \text{ hundreds } \underline{4,000}$$

$$\begin{array}{r} 800 \\ \times 5 \\ \hline 4,000 \end{array}$$



$$\begin{array}{r} 863 \\ \times 5 \\ \hline \end{array}$$



$$\begin{array}{r} \underline{15} \text{ (3 ones} \times 5) \\ \underline{300} \text{ (6 tens} \times 5) \\ (+) \underline{4,000} \text{ (8 hundreds} \times 5) \end{array}$$

$$\underline{4,315} \text{ is the answer.}$$

234 x 4

Now try these using  
the above method.

759 x 3

Name: \_\_\_\_\_

# Multiplying by 1-Digit Numbers

Oh my. Doodles got into the biscuit factory and pushed a bunch of buttons and levers. What a pup-tastrophe! Multiply to find out how many biscuits she made.

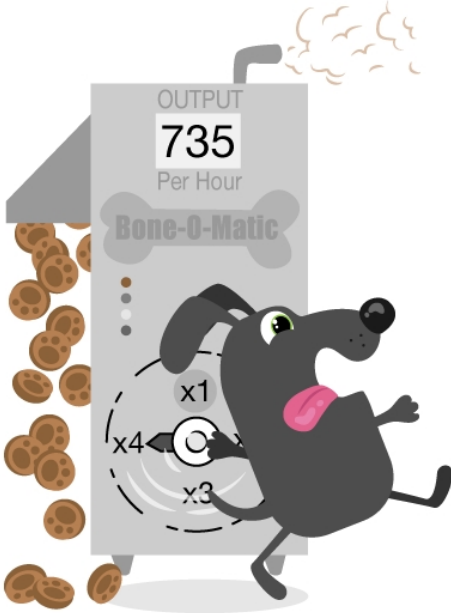


$$\begin{array}{r}
 \begin{array}{l} 2 \times \text{the tens} \\ 60 \\ \times 2 \\ \hline \end{array}
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{l} 2 \times \text{the ones} \\ 5 \\ \times 2 \\ \hline \end{array}
 \end{array}$$

$$\begin{array}{r}
 65 \\
 \times 2 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \phantom{0} \phantom{0} \phantom{0} \\
 + \phantom{0} \phantom{0} \phantom{0} \\
 \hline
 \phantom{0} \phantom{0} \phantom{0}
 \end{array}$$



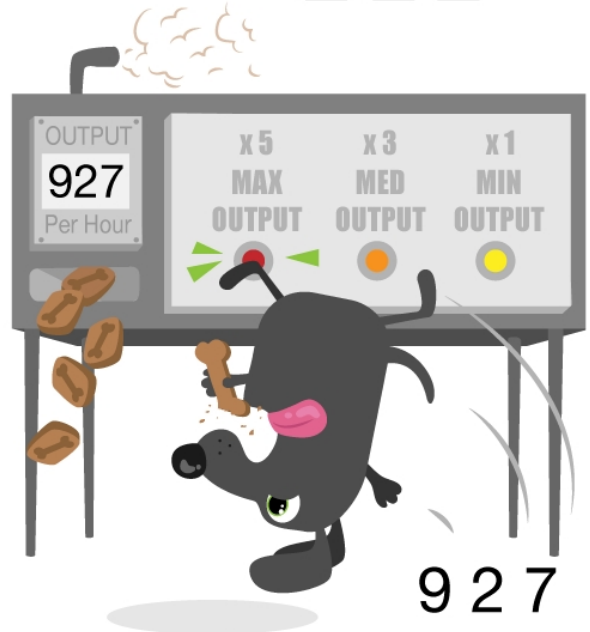
$$\begin{array}{r}
 \begin{array}{l} 4 \times \text{the hundreds} \\ 700 \\ \times 4 \\ \hline \end{array}
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{l} 4 \times \text{the tens} \\ 30 \\ \times 4 \\ \hline \end{array}
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{l} 4 \times \text{the ones} \\ 5 \\ \times 4 \\ \hline \end{array}
 \end{array}$$

$$\begin{array}{r}
 735 \\
 \times 4 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\
 + \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\
 \hline
 \phantom{0} \phantom{0} \phantom{0} \phantom{0}
 \end{array}$$



$$\begin{array}{r}
 927 \\
 \times 5 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\
 + \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\
 \hline
 \phantom{0} \phantom{0} \phantom{0} \phantom{0}
 \end{array}$$

Don't worry!  
I can eat the  
evidence.



**Name:** \_\_\_\_\_

Can you write 8,639 using place value words in a few different ways?

One way to write it would be  
 $8,639 = 8 \text{ thousands } 6 \text{ hundreds } 39 \text{ ones.}$

Rosa owns a small grocery store. She also sells drinks at her store. Today she received 6 crates of bananas. Each crate had 28 bananas in it. After she took them all out, she removed the overripe bananas. Those will be perfect for banana smoothies. Each smoothie needs 3 bananas. She will be able to make 5 smoothies with no overripe bananas leftover. How many bananas did she put out to sell?

Write your own multiplication or division problem using some of these words or numbers:  
Anna, 15, Justin, many, product, 90, 6, much, 95, quotient

Sara started on episode one of a new show and can't stop watching. Each episode is 16 minutes. If she watches the show for 72 minutes when she has to pause for dinner, how many episodes will she watch?

Hint: When she goes to eat dinner, she will be in the middle of one episode.

Name: \_\_\_\_\_

Solve these word problems and answer the questions.

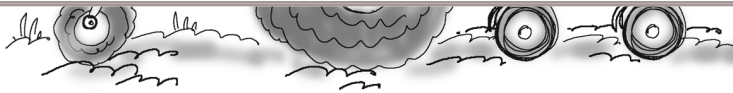
Big Dan's makes 432 doughnuts a day. Big Dave's makes 218 more each day.

\* If you divide Big Dave's doughnut production into two equal parts, what is that number?

\* How many doughnuts does Dan's and Dave's shops make in a two-week period?

# PREVIEW

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Greta has 2,193 marbles. She wins 537 more during the year. She wants to split them equally into six pouches.

\* Does she have any marbles left over?

\* If she had 4500 marbles to split equally into six pouches, how many marbles would be in each pouch?



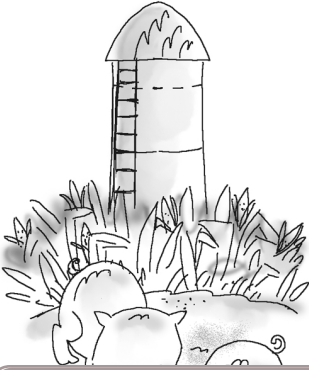
Name: \_\_\_\_\_

Estimate the products using rounding.

Example:

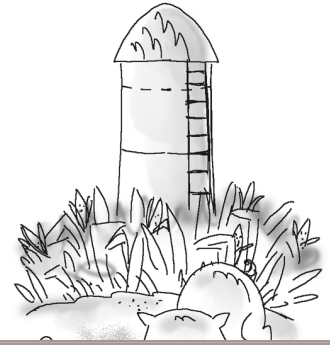
$$48 \times 27 \text{ is around } \underline{50} \times \underline{30}$$

$$\underline{50} \times \underline{30} = \underline{1500}$$



$$176 \times 93 \text{ is around } \underline{\quad} \times \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



$$627 \times 18 \text{ is around } \underline{\quad} \times \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

# PREVIEW

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$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$


$$73 \times 36 \text{ is around } \underline{\quad} \times \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$836 \times 29 \text{ is around } \underline{\quad} \times \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$59 \times 67 \text{ is around } \underline{\quad} \times \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

Name: \_\_\_\_\_

Fill in the blanks to show how 7,683 is multiplied by 4.

#1    \_\_\_ ones x 4 = \_\_\_  
    = \_\_\_ ten \_\_\_ ones

$$\begin{array}{r} \overline{) 4} \\ \hline \end{array}$$

#2    \_\_\_ tens x 4 = \_\_\_ tens  
    = \_\_\_ hundreds \_\_\_ tens

$$\begin{array}{r} \overline{) 4} \\ \hline \end{array}$$

#3    \_\_\_ hundreds x 4 = \_\_\_ hundreds  
    = \_\_\_ thousands \_\_\_ hundreds

$$\begin{array}{r} \overline{) 4} \\ \hline \end{array}$$

# PREVIEW

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$$\begin{array}{r} 7,683 \\ \times 4 \\ \hline \end{array}$$

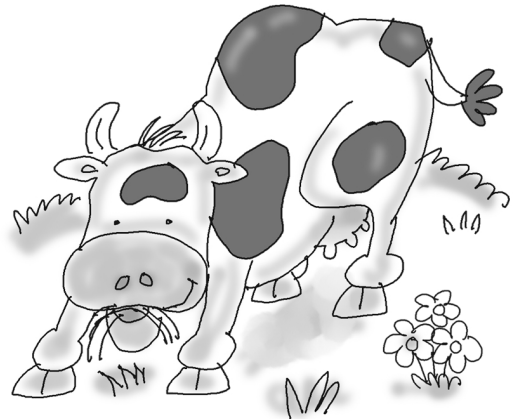
\_\_\_ (Step 1)

\_\_\_ (Step 2)

\_\_\_, \_\_\_ (Step 3)

(+) \_\_\_ (Step 4)

\_\_\_ is the answer.



$$3,478 \times 5$$

$$8,601 \times 6$$

Name: \_\_\_\_\_

	2	1	4
X			9
<hr/>			

	6	9	0
X			5
<hr/>			

	1	7	2
X			3
<hr/>			

	5	7	4
X			4
<hr/>			

	9	8	1
X			8
<hr/>			

	8	4	3
X			5
<hr/>			

	3	1	3
X			6
<hr/>			

	6	2	6
X			7
<hr/>			

# PREVIEW

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	6	3	3	7
X				8
<hr/>				

	5	6	4	2
X				2
<hr/>				

	7	8	4	4
X				7
<hr/>				

	8	1	1
X			6
<hr/>			

	4	7	9
X			2
<hr/>			

	5	7	3
X			3
<hr/>			

	4	2	1
X			9
<hr/>			

	2	0
X		4
<hr style="border: 1px solid black;"/>		

	7	9
X		3

	7	3
X		9

	7	4
X		5

	4	9
X		4
<hr/>		

	2	4
X		6

	6	4
X		8
<hr style="border: 1px solid black;"/>		

	5	8
X		5

	3	1
X		9

	5	4
X		2

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A 4x4 grid-in response area. The top row contains the numbers 6, 9, 3, and 2. The second column contains a large 'X'. The grid is designed for a student to bubble in their answer.

A 5x5 grid representing a 10000 grid. The grid is divided into four quadrants by a horizontal line between the second and third rows and a vertical line between the second and third columns. The top-right quadrant (rows 1-2, columns 3-4) contains the numbers 7, 7, 7, 5. The other cells are empty. The grid is labeled 'x' in the top-left quadrant.

A 3D grid representing the multiplication of 18 by 40. The grid is 3 units high, 4 units wide, and 5 units deep. The top face is labeled with '1' and '8', the front face with '4' and '0', and the left face with 'x'. The grid is filled with red and light red cubes to represent the product 720.

A 4x4 grid with a staircase pattern of red squares. The grid is divided into four 2x2 quadrants by a horizontal and vertical line. The top-right quadrant contains the numbers 4, 2, 4, and 5. An 'X' is placed in the middle of the grid, between the two quadrants.

Name: \_\_\_\_\_

	4	1
X		7
<hr/>		

	6	9
X		5
<hr/>		

	6	7
X		3
<hr/>		

	7	3
X		2
<hr/>		

	2	1
X		3
<hr/>		

	8	1
X		3
<hr/>		

	9	0
X		4
<hr/>		

	8	6
X		5
<hr/>		

	9	1
X		9
<hr/>		

	2	7
X		2
<hr/>		

# PREVIEW

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Name: \_\_\_\_\_

**FUN  
BREAK!**

# Play a game online!

[edHelper.com/math-games.htm](http://edHelper.com/math-games.htm)**I PLAYED  
ONE  
GAME****MY SCORE**

## PREVIEW

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What number is halfway  
between 53 and 61?

How many total legs are on  
4 tigers and 5 owls?

Find the product of 8 and 3.

Circle the four numbers  
whose sum equals 42.

12    14    19    11

9    9    18    3

7    5    4    4

$$3 \times \underline{\quad} = 18 = \underline{\quad} \times 2$$

$$8 \times \underline{\quad} = 48 = \underline{\quad} \times 16$$

$$9 \times \underline{\quad} = 99 = \underline{\quad} \times 3$$

$$9 \times \underline{\quad} = 36 = \underline{\quad} \times 18$$

Circle the four numbers  
whose sum equals 45.

16    8    9    20

6    17    12    8

Name: \_\_\_\_\_

Sarah wrote a reminder on the back of her safe so her brother won't open it! It says to find the third multiple of the quotient of 27 and 9. Any idea how to open this?

Hint: Not sure what the third multiple of a number is? It's confusing, so you won't be able to open the safe! Haha!

Kevin is putting 8 pieces of candy into each goodie bag for his sister's birthday party. He started with 166 pieces of candy. He filled and used all the bags that he had and was left with 11 pieces of candy. How many bags did he fill?

# PREVIEW

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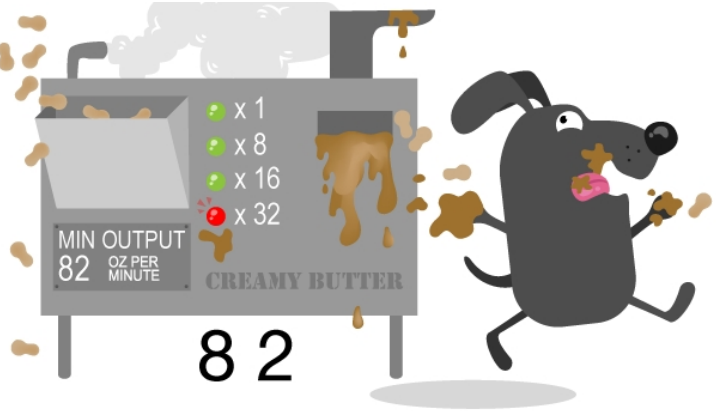
Nathan also made robots, but each of his has 5 eyes. The total number of robot eyes is 65. How many robots did Jessica make?

Name: \_\_\_\_\_



# Multiplying by 2-Digit Numbers

Oh, nuts. Doodles is at it again. She has gotten into the peanut butter plant, and she's messing with all of the settings. Peanuts are flying. Peanut butter is oozing. It's a pup-tastrophe! Use multiplication to find out how much of a mess Doodles has made.



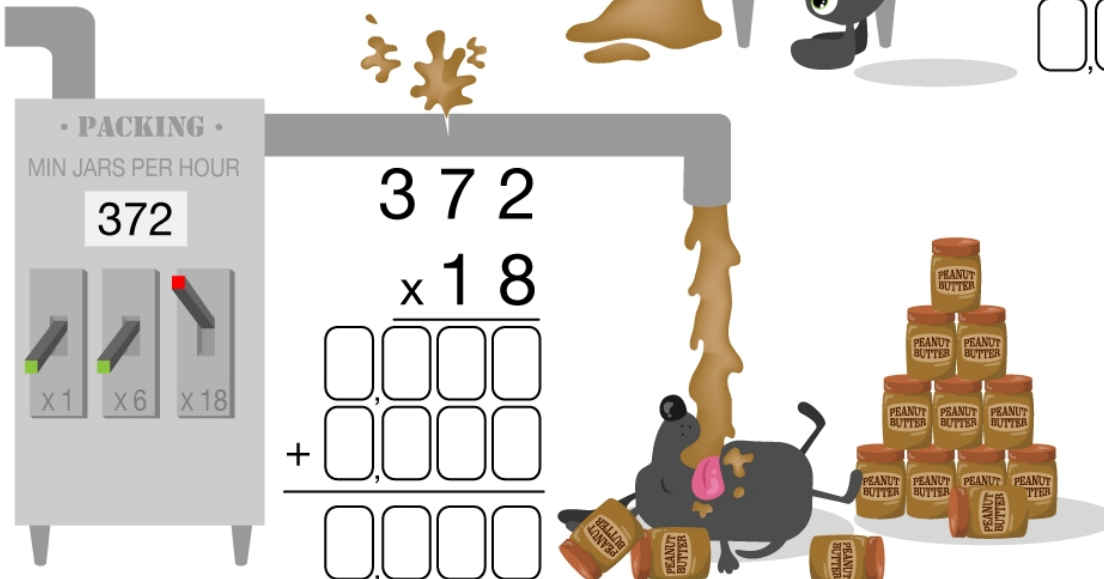
$$\begin{array}{r}
 82 \\
 \times 32 \\
 \hline
 \square\square\square \quad 2 \times 82 \\
 + \square\square\square\square \quad 3 \times 82 \\
 \hline
 \square\square\square\square
 \end{array}$$

# PREVIEW

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$$\begin{array}{r}
 + \square\square\square\square \quad 2 \times 94 \\
 \hline
 \square\square\square\square
 \end{array}$$

$$\begin{array}{r}
 \phantom{+} \quad \times 42 \\
 \square\square\square \quad 2 \times 126 \\
 + \square\square\square\square \quad 4 \times 126 \\
 \hline
 \square\square\square\square
 \end{array}$$



$$\begin{array}{r}
 372 \\
 \times 18 \\
 \hline
 \square\square\square\square \\
 + \square\square\square\square \\
 \hline
 \square\square\square\square
 \end{array}$$



Name: \_\_\_\_\_

# Dividing

## 3-Digit Numbers

Doodles is feeling *paw-ful*. She snuck into the biscuit factory last night. She turned up production, ate lots of treats, and left a big mess behind. She wants to fix her mistake. She wants to make things right. She wants to be a *good* pup. Help Doodles package what is left of the biscuits by finding out how many boxes she needs.



$$\begin{array}{r}
 243 \\
 4 \overline{) 972} \\
 \underline{-800} \phantom{00} \\
 172 \phantom{00} \\
 \underline{-160} \phantom{00} \\
 12 \phantom{00} \\
 \underline{-12} \phantom{00} \\
 0
 \end{array}$$

$$\begin{array}{r}
 1 \\
 7 \overline{) 861} \\
 \underline{-700} \phantom{00} \\
 \phantom{00} \phantom{00} \phantom{00} \\
 \phantom{00} \phantom{00} \phantom{00}
 \end{array}$$



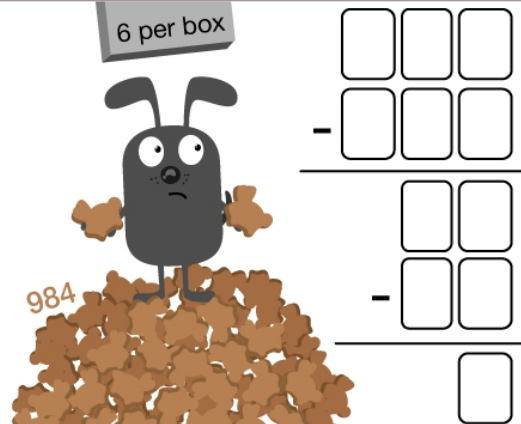
# PREVIEW

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$$\begin{array}{r}
 5 \overline{) 395} \\
 \underline{-\phantom{00}000} \phantom{00} \\
 \phantom{00} \phantom{00} \phantom{00} \\
 \underline{-\phantom{00}00} \phantom{00} \\
 \phantom{00} \phantom{00} \phantom{00} \\
 \underline{-\phantom{00}00} \phantom{00} \\
 \phantom{00} \phantom{00} \phantom{00}
 \end{array}$$



$$\begin{array}{r}
 8 \overline{) 104} \\
 \underline{-\phantom{00}00} \phantom{00} \\
 \phantom{00} \phantom{00} \phantom{00} \\
 \underline{-\phantom{00}00} \phantom{00} \\
 \phantom{00} \phantom{00} \phantom{00} \\
 \underline{-\phantom{00}00} \phantom{00} \\
 \phantom{00} \phantom{00} \phantom{00}
 \end{array}$$



Name: \_\_\_\_\_

# Dividing

## 3-Digit Numbers

Doodles is feeling *paw-ful*. She snuck into the squeaky toy factory last night. She turned up production, squeaked lots of toys, and left a big mess behind. She wants to fix her mistake. She wants to make things right. She wants to be a *good* pup. Help Doodles package the squeaky toys that are all over the factory floor.



$$2,400 \div 4 =$$

$$\underline{\hspace{1cm}} \text{ HUNDREDS} \div 4 = \underline{\hspace{1cm}} \text{ HUNDREDS}$$

$$= \underline{\hspace{1cm}}$$



$$1,800 \div 3 =$$

# PREVIEW

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$$450 \div 5 =$$

$$\underline{45} \text{ TENS} \div 5 = \underline{9} \text{ TENS}$$

$$= \underline{90}$$

$$560 \div 7 =$$

$$\underline{\hspace{1cm}} \text{ TENS} \div 7 = \underline{\hspace{1cm}} \text{ TENS}$$

$$= \underline{\hspace{1cm}}$$



$$480 \div 8 =$$

$$\underline{\hspace{1cm}} \text{ TENS} \div 8 = \underline{\hspace{1cm}} \text{ TENS}$$

$$= \underline{\hspace{1cm}}$$



$$420 \div 6 =$$

$$\underline{\hspace{1cm}} \text{ TENS} \div 6 = \underline{\hspace{1cm}} \text{ TENS}$$

$$= \underline{\hspace{1cm}}$$

Name: \_\_\_\_\_

$$5 \overline{) 620}$$

$$3 \overline{) 558}$$

$$2 \overline{) 536}$$

$$6 \overline{) 732}$$

$$8 \overline{) 904}$$

$$7 \overline{) 798}$$

$$11 \overline{) 544}$$

$$11 \overline{) 514}$$

$$4 \overline{) 018}$$

# PREVIEW

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$$9 \overline{) 900}$$

$$7 \overline{) 854}$$

$$5 \overline{) 740}$$

$$\begin{array}{r} 4 \frac{1}{11} \\ - 1 \frac{7}{11} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{5}{9} \\ + \frac{1}{9} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{7}{9} \\ - \frac{6}{9} \\ \hline \end{array}$$

Name: \_\_\_\_\_

2	4	4
-	4	↓
	0	4
	-	4
		0

3	7	5
-		↓
-		

7	8	4
		↓

# PREVIEW

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8	4	1	6
		↓	↓

6	7	9	2
		↓	↓

5	7	1	5
		↓	↓

Name: \_\_\_\_\_

Sofia is trying to figure out what fraction of her name is not made up of vowels. What's the answer? Can you simplify your fraction? Can you come up with another name or word that has the same fraction of vowels?

A year on Mars lasts 687 days. Robot Pete lives on Mars. He is exactly 2 Mars years old. That means he was born 1374 days ago, assuming a robot was born, which makes no sense.

# PREVIEW

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Jason and Holly have the same amount of money. Jason has 8 nickels and 7 dimes. If Holly has 6 dimes, then how many nickels does she have?

Name: \_\_\_\_\_

Holly wrote a reminder on the back of her safe so her brother won't open it! It says to find the sixth multiple of the quotient of 14 and 7. Any idea how to open this?

Can you name a 3-digit number that is divisible by 8 and also divisible by 13?

Hint: Not sure what the sixth multiple of a number is?  
It's confusing, so you won't be able to open the safe! Haha!

# PREVIEW

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ten different ways.

One way to write it would be  
 $83,572 = 8 \text{ ten thousands } 357 \text{ tens } 2 \text{ ones.}$

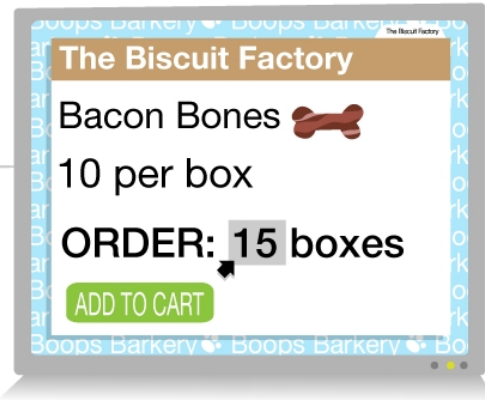
Name: \_\_\_\_\_

# Multiplying by 2-Digit Numbers

Doodles is a mischievous pup. She's gotten into the order forms at Boops Barkery. She's using multiplication to order more treats! Find out how many of each treat Doodles is ordering.



EXAMPLE:



$$15 \times 10 = \underline{150}$$

$$15 \times 1 \text{ tens} = \underline{15} \text{ tens}$$

$$= \underline{150}$$

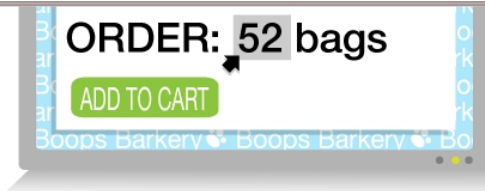


# PREVIEW

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$$32 \times 3 \text{ tens} = \underline{\hspace{2cm}} \text{ tens}$$

$$= \underline{\hspace{2cm}}$$



$$52 \times 70 = \underline{\hspace{2cm}}$$

$$52 \times 7 \text{ tens} = \underline{\hspace{2cm}} \text{ tens}$$

$$= \underline{\hspace{2cm}}$$



Which treat did Doodles order the most of?


$$312 \times 40 = \underline{\hspace{2cm}}$$


$$312 \times 4 \text{ tens} = \underline{\hspace{2cm}} \text{ tens} = \underline{\hspace{2cm}}$$





Name: \_\_\_\_\_

Divide to answer the question below.


 $2 \overline{) 876}$



 $4 \overline{) 628}$



 $5 \overline{) 445}$


 $3 \overline{) 939}$

# PREVIEW

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 $8 \overline{) 856}$


 $6 \overline{) 342}$



I shave every day. But my beard never changes. What am I called?

A

3134388910757157



Name: \_\_\_\_\_

Draw a line to match each problem with the same answer.

$12 \times 4$



$9 \times 5$

$72 \div 9$



$80 \div 8$

45



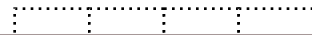
48

10



8

Rose has twenty-four rocks. She divides



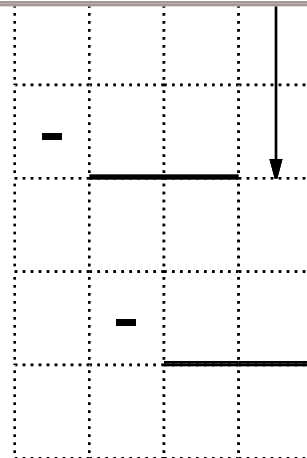
# PREVIEW

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$41 + 22 = 9 \times \underline{\hspace{2cm}}$

7

9



Name: \_\_\_\_\_

2	3	8
-		↓
-		

4	8	0
-		↓
	-	

# PREVIEW

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	5	
	3	7
X		8

Nathan earns \$8 per week. How long till he earns \$48?

☐ 9 weeks

☐ 6 weeks

☐ 2 weeks

☐ 5 weeks

Name: \_\_\_\_\_

4	4	1	6
-	4		
	0	1	
	-	0	
		1	6
	-	1	6
			0

2	8	5	4
-			
	-		
	-		

8	9	2	8

# PREVIEW

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7	5	5	5	5

7	7	8	8	8

7	8	7	7	8

Name: \_\_\_\_\_

6	2	3	4
-	0		
	2	3	
-	1	8	
		5	4
	-	5	4
			0

3	5	9	1
-			
-			
	-		

7	8	8	9

# PREVIEW

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7	1	0	0	4

0	0	0	0	0

0	0	0	4	0

Name: \_\_\_\_\_

Connect coin groups to make 90 cents. How many groups can you make?

1 nickel

6 dimes

5 pennies

1 quarter

8 dimes

10 nickels

1 nickel

1 quarter

15 pennies

What one-digit number is missing in this equation?

# PREVIEW

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"How many buildings are yours?" asked Sara as they were playing the Build as Fast as You Can game, which is the best new game on their HBox.

"Not telling!" replied April.

Sara would have to use the clue on the screen. If she can guess correctly, she will get 50 more points. The clue said, "If you double the number of buildings that Sara has, Sara will have 5 less than the number of buildings that April has. Start building fast!"

Sara has 10 buildings. How many buildings does April have?

Name: \_\_\_\_\_

Find the quotients and estimate to make sure your answers are adequate.

Example:

$$2,437 \div 6 = \underline{406} \text{ r } \underline{1}$$

$$\begin{array}{r} 406 \text{ r } 1 \\ 6 \overline{) 2,437} \\ \underline{2400} \phantom{00} \\ 37 \\ \underline{36} \\ 1 \end{array}$$

Estimate:  $2,437 \div 6$  is  
is near  $2,400 \div 6 = 400$ ,  
so  $406 \text{ r } 1$  is adequate.



# PREVIEW

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$$8,560 \div 7 = \underline{\quad} \text{ r } \underline{\quad}$$

$$6,347 \div 5 = \underline{\quad} \text{ r } \underline{\quad}$$




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Name: \_\_\_\_\_

Here are the steps for dividing a three-digit number by a one-digit number.

Example:

#1	#2	#3	#4	#5
$\begin{array}{r} 2 \\ 3 \overline{) 837} \\ \underline{6} \phantom{00} \\ 2 \phantom{00} \end{array}$	$\begin{array}{r} 2 \\ 3 \overline{) 837} \\ \underline{6} \phantom{00} \\ 23 \phantom{0} \end{array}$	$\begin{array}{r} 27 \\ 3 \overline{) 837} \\ \underline{6} \phantom{00} \\ 23 \phantom{0} \\ \underline{21} \phantom{0} \\ 2 \phantom{0} \end{array}$	$\begin{array}{r} 27 \\ 3 \overline{) 837} \\ \underline{6} \phantom{00} \\ 23 \phantom{0} \\ \underline{21} \phantom{0} \\ 2 \phantom{0} \end{array}$	$\begin{array}{r} 279 \\ 3 \overline{) 837} \\ \underline{6} \phantom{00} \\ 23 \phantom{0} \\ \underline{21} \phantom{0} \\ 2 \phantom{0} \end{array}$



# PREVIEW

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#1

Divide the tens by three.

#2

Divide the hundreds by three.

#3

Divide the ones by three.

#4

Regroup the tens.  
Add on the ones.

#5

Regroup the hundreds.  
Add on the tens and ones.

Name: \_\_\_\_\_

Here's how 738 is divided by 4 with regrouping.

Example:

#1

$$\begin{array}{r} 1 \\ 4 \overline{) 736} \\ (-) \underline{400} \\ 336 \end{array}$$



#2

$$\begin{array}{r} 18 \\ 4 \overline{) 736} \\ \underline{400} \\ 336 \\ (-) \underline{320} \\ 16 \end{array}$$

#3

$$\begin{array}{r} 184 \\ 4 \overline{) 736} \\ \underline{400} \\ 336 \\ \underline{320} \\ 16 \\ (-) \underline{16} \\ 0 \end{array}$$

# PREVIEW

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$$2 \overline{) 568}$$

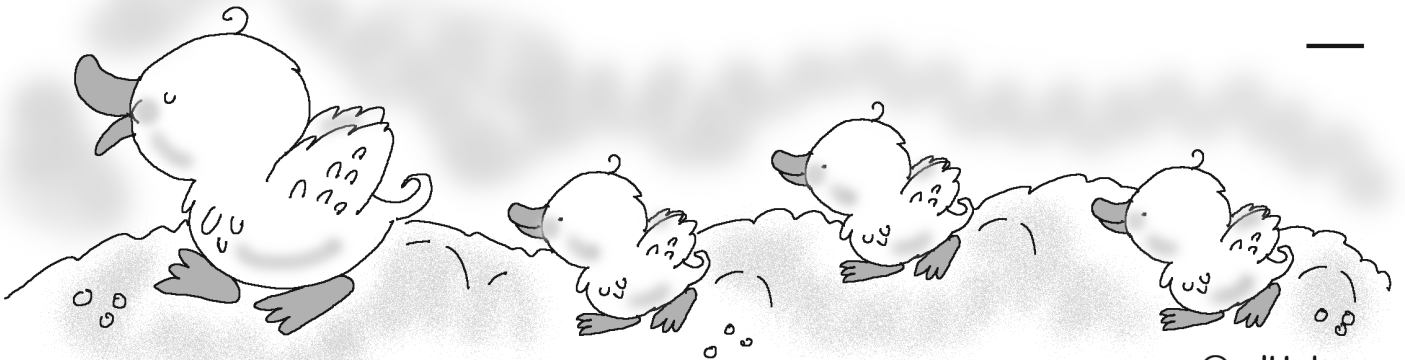
$$\begin{array}{r} (-) \underline{\quad\quad\quad} \\ \underline{\quad\quad\quad} \end{array}$$

$$2 \overline{) 568}$$

$$\begin{array}{r} \underline{\quad\quad\quad} \\ \underline{\quad\quad\quad} \\ (-) \underline{\quad\quad\quad} \\ \underline{\quad\quad\quad} \end{array}$$

$$2 \overline{) 568}$$

$$\begin{array}{r} \underline{\quad\quad\quad} \\ \underline{\quad\quad\quad} \\ \underline{\quad\quad\quad} \\ (-) \underline{\quad\quad\quad} \\ \underline{\quad\quad\quad} \end{array}$$



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Name: \_\_\_\_\_

$$3 \overline{) 747}$$

$$5 \overline{) 510}$$

$$2 \overline{) 306}$$

$$4 \overline{) 544}$$

$$7 \overline{) 959}$$

$$6 \overline{) 672}$$

$$9 \overline{) 999}$$

$$4 \overline{) 952}$$

$$9 \overline{) 927}$$

# PREVIEW

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$$7 \overline{) 959}$$

$$5 \overline{) 645}$$

$$3 \overline{) 336}$$

You need to add what to 35 to get 43?

$$11 \times 8 - 6$$

130, 140, 150, 160, 170,  
180, \_\_\_\_\_, 200, 210

Name: \_\_\_\_\_

Estimate to make sure your answers are adequate.

Example:

$12 \times 33 = \underline{396}$

$$\begin{array}{r}
 12 \\
 \times 33 \\
 \hline
 36 \\
 360 \\
 \hline
 396
 \end{array}$$

12 is near 10.33 is near 30.

Estimate is

$\underline{10} \times \underline{30} = \underline{300}$

396 is near 300, so the answer is adequate.

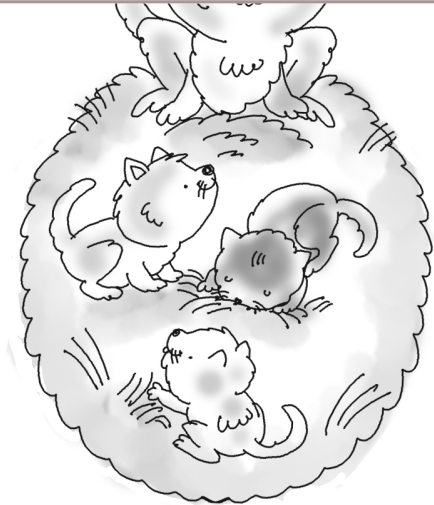
# PREVIEW

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$287 \times 51$

$917 \times 48$

$89 \times 17$



Name: \_\_\_\_\_

Find the products to answer the question below.

Example:

$$625 \times 4 = \underline{2,500} \text{ e}$$

$$1,783 \times 7$$



$$872 \times 8$$



# PREVIEW

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I start as an odd number. But if you take one letter away, I'll be even. What's my name?

I'm

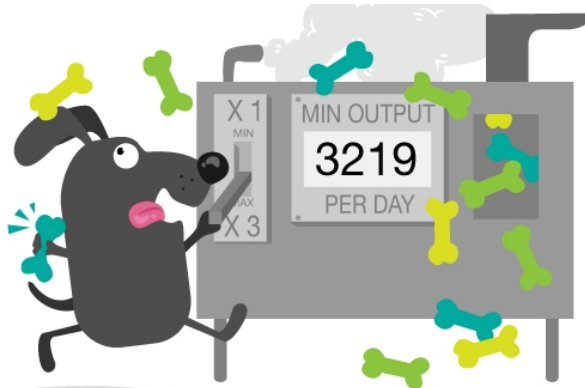
12,4818,56524,8002,5006,976

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Name: \_\_\_\_\_

# Multiplying by 1-Digit Numbers

Oh boy. Doodles is at it again. This time she's gotten into the squeaky toy factory. She's turning dials and pushing buttons. Toys are flying everywhere. It's a pup-tastrophe! Multiply to find out how many squeaky toys she made.



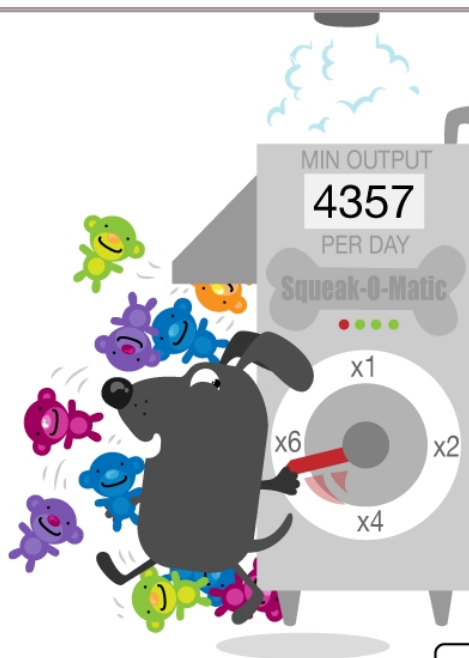
$$\begin{array}{r}
 3219 \\
 \times \quad 3 \\
 \hline
 \square \square \quad 3 \times 9 \\
 \square \square \quad 3 \times 10 \\
 \square \square \square \quad 3 \times 200 \\
 + \square, \square \square \square \quad 3 \times 3000 \\
 \hline
 \square, \square \square \square
 \end{array}$$



# PREVIEW

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$$\begin{array}{r}
 \square \square \quad 8 \times 6 \\
 \square \square \square \quad 8 \times 40 \\
 \square \square \square \quad 8 \times 100 \\
 + \square, \square \square \square \quad 8 \times 1000 \\
 \hline
 \square, \square \square \square
 \end{array}$$



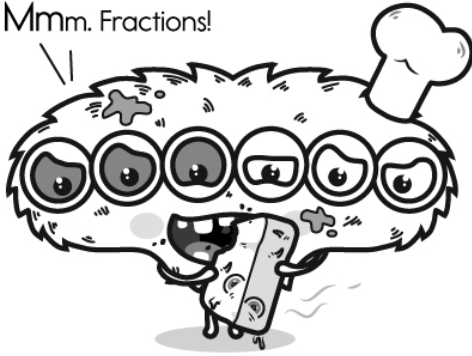
$$\begin{array}{r}
 4357 \\
 \times \quad 6 \\
 \hline
 \square \square \quad 6 \times 7 \\
 \square \square \square \quad 6 \times 50 \\
 \square, \square \square \square \quad 6 \times 300 \\
 + \square \square, \square \square \square \quad 6 \times 4000 \\
 \hline
 \square \square, \square \square \square
 \end{array}$$

Nice work!  
This was fun.



Name: \_\_\_\_\_

Mmm. Fractions!



### SUBTRACTING UNLIKE FRACTIONS

- Make the **unlike** fractions into **like** fractions by finding the least common denominator (LCD).
- Shade the monster loaf slices to represent the greater fraction. Cross out the monster loaf slices to represent the lesser fraction.

EXAMPLE:

$$\frac{3}{4} - \frac{1}{8} =$$

$$\begin{array}{r} \times 2 \\ \downarrow \\ \frac{6}{8} \end{array} - \begin{array}{r} \times 1 \\ \downarrow \\ \frac{1}{8} \end{array} = \frac{5}{8}$$

LCD →

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

$$\begin{array}{r} \downarrow \\ \frac{\quad}{\quad} \end{array} - \begin{array}{r} \downarrow \\ \frac{\quad}{\quad} \end{array} = \frac{\quad}{\quad}$$

# PREVIEW

Join [edHelper.com](https://edHelper.com) for full access.

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

$$\begin{array}{r} \downarrow \\ \frac{\quad}{\quad} \end{array} - \begin{array}{r} \downarrow \\ \frac{\quad}{\quad} \end{array} = \frac{\quad}{\quad}$$

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

$$\begin{array}{r} \downarrow \\ \frac{\quad}{\quad} \end{array} - \begin{array}{r} \downarrow \\ \frac{\quad}{\quad} \end{array} = \frac{\quad}{\quad}$$

$$\frac{5}{6} - \frac{2}{9} =$$

$$\begin{array}{r} \downarrow \\ \frac{\quad}{\quad} \end{array} - \begin{array}{r} \downarrow \\ \frac{\quad}{\quad} \end{array} = \frac{\quad}{\quad}$$

Name: \_\_\_\_\_

Name the place value that is 10 times greater than the hundred millions place.

April needs to buy water for the cafeteria.

"Can you please pick up 35 quarts of water?" asked the principal

# PREVIEW

Join [edHelper.com](https://edHelper.com) for full access.

Justin never spends the coins he gets. He has 34 dimes. But that's nothing! He has 4 times as many nickels as dimes. How much money does he have in all?



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x  
+ =  
- ÷  
< >

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Name: \_\_\_\_\_

You get the area of a rectangle by multiplying its length by its width. If its width is 2 feet and height is 7 feet, then the area is 2 feet x 7 feet = 14 feet squared. Anne drew a square. She does not know how to calculate its area, but she calculated the perimeter to be 20 feet. "I just added all the sides together to get the perimeter. How do I get its area?" she asks.

How would you respond?

Eric drew a very large square with a blue piece of chalk at the playground. One side is 7 feet long. Eric wants to walk along the square and can only walk on the line. If he wants to walk the square 3 times by only stepping on the line, how many feet will he end up walking?

Make your own  
equation.

$$\underline{\quad} \times 5 + 8 = \underline{\quad}$$

Make your own  
equation.

$$\underline{\quad} - 29 = \underline{\quad}$$

In five hours it will be  
midnight. What time is it  
now?

Name: \_\_\_\_\_

Amanda needs to buy water for the cafeteria.

"Can you please pick up 45 quarts of water?" asked the principal.

When Amanda got to the store, they only sold water in gallon containers. How many gallons should she buy? (Hint: 1 gallon = 4 quarts)

Rosa was so into a book. She finally finished! She then spent 2 times as long playing a game on her phone as she did reading. Rosa spent a total of 84 minutes in her room reading and playing the game. For how long did Rosa read?

Complete.

$$3 \text{ pearls} = 2 \text{ hearts}$$

$$14 \text{ hearts} = 3 \text{ balloons}$$

$$3 \text{ balloons} = \underline{\hspace{2cm}} \text{ pearls}$$