

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



## Math Buzz

Insert parentheses to make each statement true.

$$36 - 4 \times 5 = 160$$

$$36 - 4 \times 5 = 16$$

Fill in the missing numbers to complete each sentence.

89.72 is 10 times as much as \_\_\_\_\_

3.546 is  $\frac{1}{10}$  of \_\_\_\_\_

Find the difference.

$$12 \text{ km } 653 \text{ m} - 5 \text{ km } 789 \text{ m} = \text{_____ km } \text{_____ m}$$



# Preview

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$$\begin{array}{r} + 63.8 \\ \hline 410.5 \end{array}$$

$$\begin{array}{r} + 63.8 \\ \hline 98.47 \end{array}$$



answer : \_\_\_\_\_

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

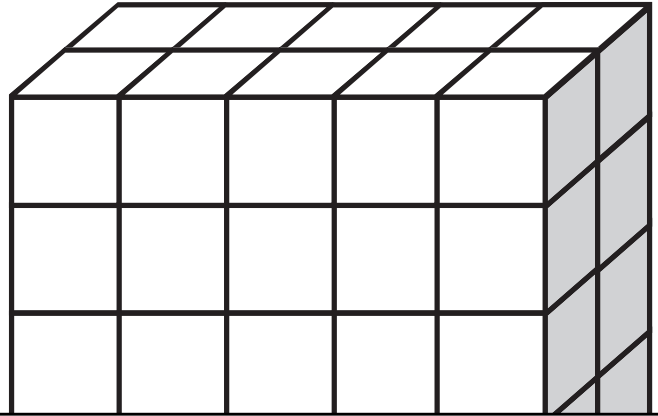


## Math Buzz

Maribel is saving up to buy a new bike and helmet. She earns \$17 per hour as a lifeguard at the town pool. The bike she wants costs \$250, and the helmet costs \$39. She got a paycheck after working 20 hours, and had enough money to buy the bike and helmet. How much money does Maribel have left over?

**Show your work.**

Prism A is shown below. The height of Prism B is half the height of Prism A. The length and width of both prisms is the same.



# Preview

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Multiply.

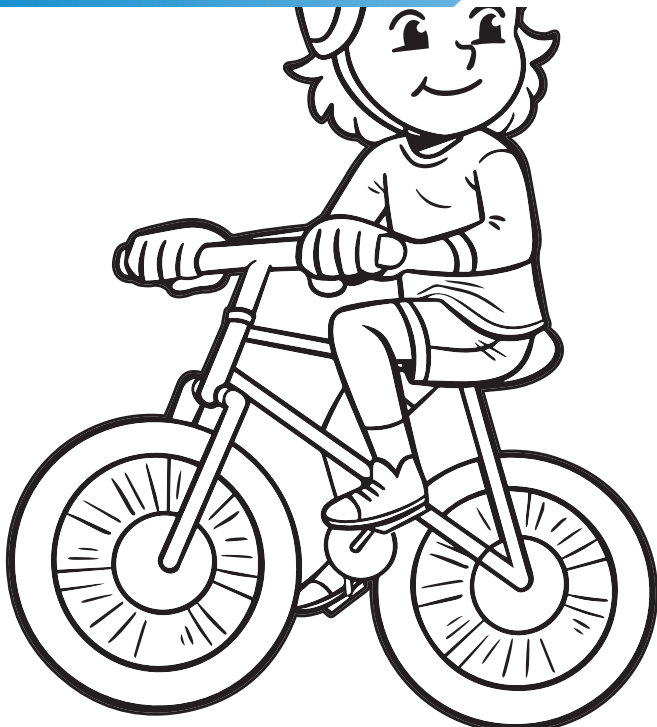
$$\begin{array}{r} 57 \\ \times 6.3 \\ \hline \end{array}$$

$$\begin{array}{r} 9.75 \\ \times 34 \\ \hline \end{array}$$

Classify the quadrilateral by its sides.

**17 in., 12 in., 17 in., 12 in.**

parrallelogram    rhombus    trapezoid



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



## Math Buzz

Write whether each statement is true or false.  
Explain your reasoning.

The difference between 98.7 and 45.89 is closer to 52 than 53.

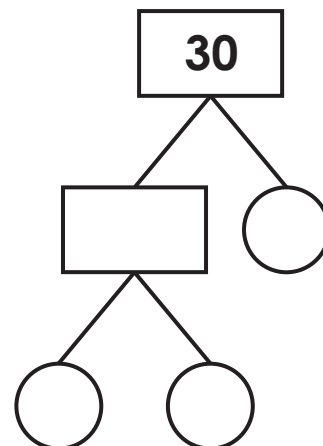
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The difference between 87.34 and 65.9 is greater than 20.

Complete the factor tree to find the prime factors.



# Preview

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$4.2 \times 10^2 = \underline{\hspace{2cm}}$

$1.38 \times 10^2 = \underline{\hspace{2cm}}$

$4.2 \times 10^3 = \underline{\hspace{2cm}}$

$1.38 \times 10^3 = \underline{\hspace{2cm}}$

Find the sum.

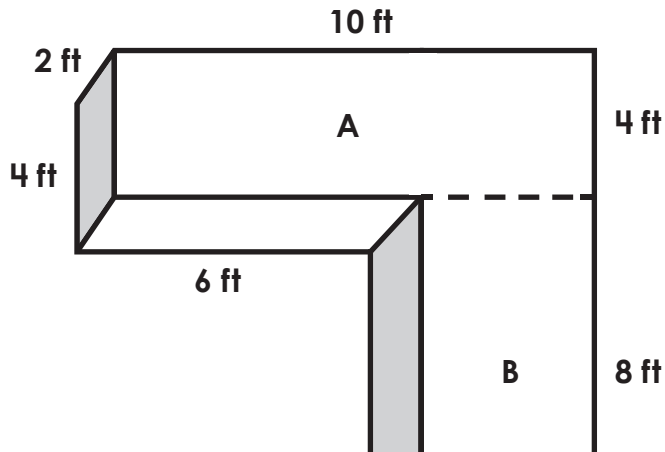
$123 \text{ L } 347 \text{ mL} + 45 \text{ L } 637 \text{ mL} = \underline{\hspace{1cm}} \text{ L } \underline{\hspace{1cm}} \text{ mL}$



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

## Math Buzz

Find the volume of each rectangular prism. Then find the volume of the combined rectangular prisms.



What is the horizontal distance between the ordered pairs?

$(2, 7), (8, 7)$

answer: \_\_\_\_\_ units

What is the vertical distance between the ordered pairs?

$(1, 3), (1, 12)$

answer: \_\_\_\_\_ units



# Preview

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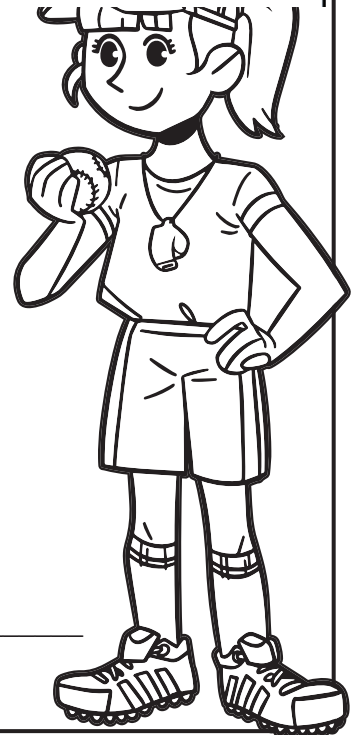
Volume = \_\_\_\_\_ cubic ft

Divide.

$$3 \overline{)54.9}$$

$$7 \overline{)91.42}$$

answer: \_\_\_\_\_





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

## Math Buzz

Evaluate each expression for  $x = 15$   
and  $y = 12$ .

$$6x + 9y = \underline{\hspace{2cm}}$$

$$8y - 5x = \underline{\hspace{2cm}}$$

Compare using  $>$ ,  $<$ , or  $=$ .

$$369 \times \frac{5}{8} \quad \bigcirc \quad 369$$

$$369 \times \frac{9}{4} \quad \bigcirc \quad 369$$

$$369 \times \frac{7}{12} \quad \bigcirc \quad 369$$

$x = 15$



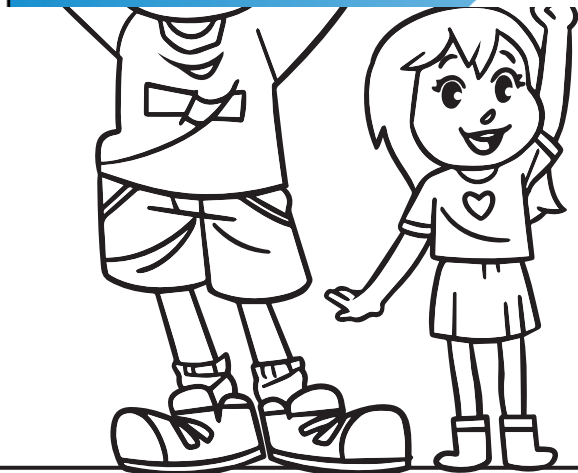
# Preview

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$$9.65 \div 10^1 = \underline{\hspace{2cm}}$$

$$9.65 \div 10^2 = \underline{\hspace{2cm}}$$

$$9.65 \div 10^3 = \underline{\hspace{2cm}}$$



Find the difference.

$$85 \text{ kg } 431 \text{ g} - 57 \text{ kg } 1,289 \text{ g} = \underline{\hspace{2cm}} \text{ kg } \underline{\hspace{2cm}} \text{ g}$$



Insert parentheses to make each statement true.

$$(36 - 4) \times 5 = 160$$

$$36 - (4 \times 5) = 16$$

Fill in the missing numbers to complete each sentence.

89.72 is 10 times as much as 8.972

3.546 is  $\frac{1}{10}$  of 35.46

Find the difference.

$$12 \text{ km } 653 \text{ m} - 5 \text{ km } 789 \text{ m} =$$

$$\underline{6} \text{ km } \underline{864} \text{ m}$$

Sam and Alana are doing their math homework. They each solved the problem  $34.67 + 63.8$ . Who is not correct? Explain the error.

Sam	Alana
$\begin{array}{r} 34.67 \\ + 63.8 \\ \hline 410.5 \end{array}$	$\begin{array}{r} 34.67 \\ + 63.8 \\ \hline 98.47 \end{array}$

answer : **Sam is not correct because the decimal points in the problem are not lined up correctly.**

Answers may vary.

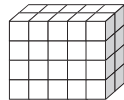
Maribel is saving up to buy a new bike and helmet. She earns \$17 per hour as a lifeguard at the town pool. The bike she wants costs \$250, and the helmet costs \$39. She got a paycheck after working 20 hours, and had enough money to buy the bike and helmet. How much money does Maribel have left over?

$$250 + 39 = 289$$

$$17 \times 20 = 340$$

$$340 - 289 = 51$$

Prism A is shown below. The height of Prism B is half the height of Prism A. The length and width of both prisms is the same.



What is the volume of Prism B?

Multiply.

$\begin{array}{r} 4 \\ 2 \\ 57 \\ \times 6.3 \\ \hline 17.1 \\ + 342.0 \\ \hline 359.1 \end{array}$	$\begin{array}{r} 21 \\ 32 \\ 9.75 \\ \times 34 \\ \hline 39.00 \\ + 292.50 \\ \hline 331.50 \end{array}$
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Classify the quadrilateral by its sides.

17 in., 12 in., 17 in., 12 in.

parallelogram rhombus trapezoid



# Preview

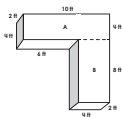
Please log in to download the printable version of this worksheet.

Answers may vary.

$$30 - 3 \times 2 \times 2 = 24$$

$$1.38 \times 10^3 = 1,380$$

Find the volume of each rectangular prism. Then find the volume of the combined rectangular prisms.



Prism A:  $4 \times 2 \times 10 = 80$

Prism B:  $4 \times 2 \times 8 = 64$

Volume = 144 cubic ft

What is the horizontal distance between the ordered pairs?

(2, 7), (8, 7)

answer: 6 units

What is the vertical distance between the ordered pairs?

(1, 3), (1, 12)

answer: 9 units

Coach Perez is ordering new cleats for her softball team. If there are 25 athletes on the team, and each pair of cleats costs \$35.97, how much money will Coach Perez spend on cleats?

Show your work.

$$\$35.97 \times 25 = \$899.25$$

answer: \$899.25

Divide.

$\begin{array}{r} 18.3 \\ 3 \overline{)54.9} \\ \underline{-3} \phantom{0} \\ 24 \\ \underline{-24} \\ 09 \\ \underline{-9} \\ 0 \end{array}$	$\begin{array}{r} 13.06 \\ 7 \overline{)91.42} \\ \underline{-7} \phantom{0} \\ 21 \\ \underline{-21} \\ 04 \\ \underline{-0} \\ 42 \\ \underline{-42} \\ 0 \end{array}$
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Evaluate each expression for  $x = 15$  and  $y = 12$ .

$$6x + 9y = \underline{198}$$

$$90 + 108 = 198$$

$$8y - 5x = \underline{21}$$

$$96 - 75 = 21$$

Compare using  $>$ ,  $<$ , or  $=$ .

$$369 \times \frac{5}{8} \quad < \quad 369$$

$$369 \times \frac{9}{4} \quad > \quad 369$$

$$369 \times \frac{7}{12} \quad < \quad 369$$

Divide.

$$5.7 \div 10^1 = \underline{.57}$$

$$5.7 \div 10^2 = \underline{.057}$$

$$5.7 \div 10^3 = \underline{.0057}$$

$$9.65 \div 10^1 = \underline{.965}$$

$$9.65 \div 10^2 = \underline{.0965}$$

$$9.65 \div 10^3 = \underline{.00965}$$

Find the difference.

$$85 \text{ kg } 431 \text{ g} - 57 \text{ kg } 1,289 \text{ g} =$$

$$\underline{27} \text{ kg } \underline{142} \text{ g}$$