

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 km 653 m – 5 km 789 m = _____ km _____ m



Preview

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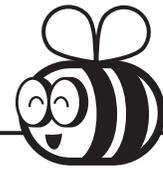
$$\begin{array}{r} + 63.8 \\ \hline 410.5 \end{array}$$

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



answer : _____

Name: _____

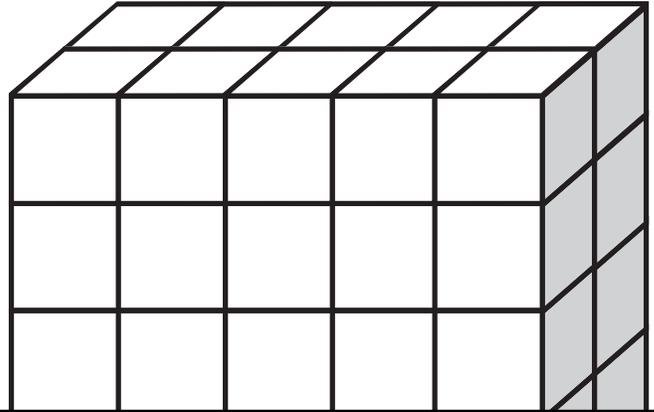


Math Buzz

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.

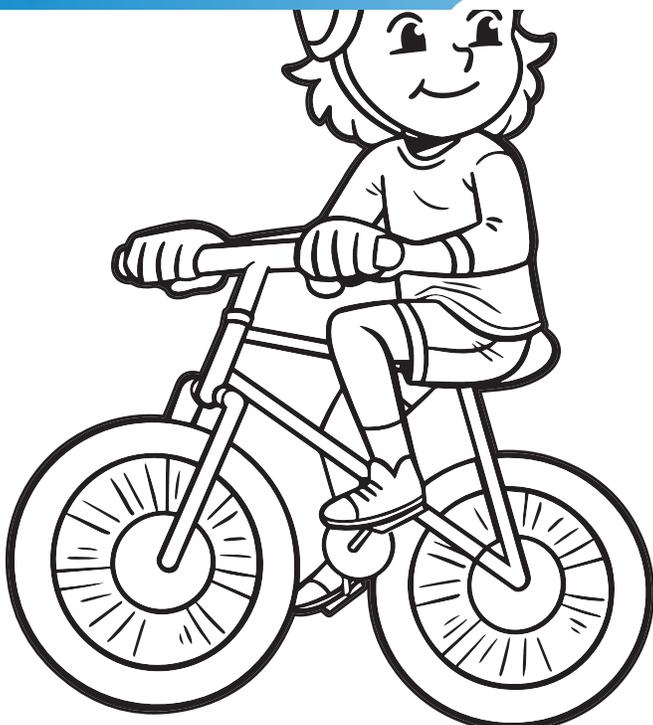
$$\begin{array}{r} 57 \\ \times 6.3 \\ \hline \end{array}$$

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

Classify the quadrilateral by its sides.

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

parrallelogram rhombus trapezoid



Name: _____



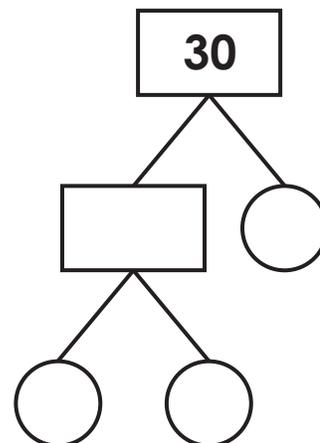
Math Buzz

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.

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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$4.2 \times 10^2 =$ _____

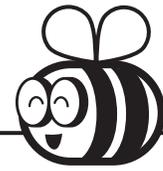
$1.38 \times 10^2 =$ _____

$4.2 \times 10^3 =$ _____

$1.38 \times 10^3 =$ _____

Find the sum.

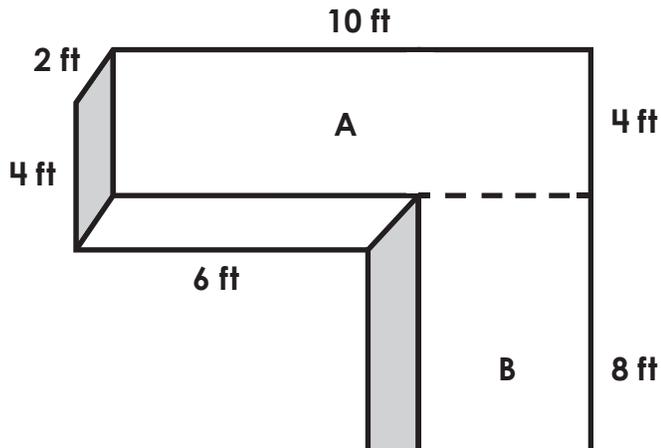
$123 \text{ L } 347 \text{ mL} + 45 \text{ L } 637 \text{ mL} =$ _____ L _____ mL



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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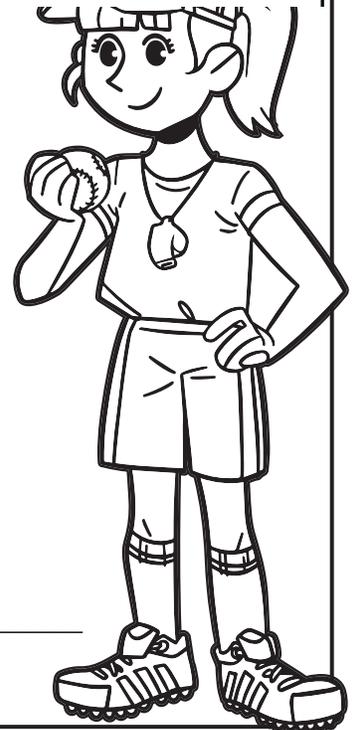
Volume = _____ cubic ft

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.

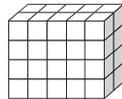
Maribel is saving up to buy a new bike and helmet. She earns \$17 per hour as a lifeguard at the town pool. The bike she wants costs \$250, and the helmet costs \$39. She got a paycheck after working 20 hours, and had enough money to buy the bike and helmet. How much money does Maribel have left over?

$$250 + 39 = 289$$

$$17 \times 20 = 340$$

$$340 - 289 = 51$$

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

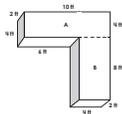
Please log in to download the printable version of this worksheet.

Answers may vary.

$$50 - 3 \times 2 \times 3$$

$$1.38 \times 10^3 = \underline{1,380}$$

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.

$\begin{array}{r} 18.3 \\ 3 \overline{)54.9} \\ \underline{-3} \\ 24 \\ \underline{-24} \\ 09 \\ \underline{-9} \\ 0 \end{array}$	$\begin{array}{r} 13.06 \\ 7 \overline{)91.42} \\ \underline{-7} \\ 21 \\ \underline{-21} \\ 04 \\ \underline{-0} \\ 42 \\ \underline{-42} \\ 0 \end{array}$
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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.

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

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