

Name: _____



Math Buzz

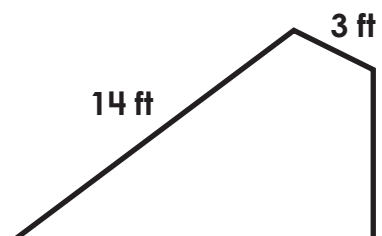
Use the rule to write the next six numbers in the pattern.

Rule: Add 5, Multiply by 3

20, _____, _____, _____, _____, _____, _____

Admission passes to the indoor trampoline park for 90 minutes cost Logan and his three friends a total of \$72. If admission was the same rate for each person, how much does a single pass cost?

Find the perimeter of the irregular polygon.



Preview

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Perimeter = _____ ft

Write each fraction as a decimal.

$$\frac{71}{1,000} = \underline{\hspace{2cm}}$$

$$\frac{603}{1,000} = \underline{\hspace{2cm}}$$

$$\frac{8}{1,000} = \underline{\hspace{2cm}}$$

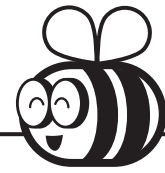
Write each decimal as a fraction.

$$0.568 = \underline{\hspace{2cm}}$$

$$0.002 = \underline{\hspace{2cm}}$$

$$0.034 = \underline{\hspace{2cm}}$$

Name: _____



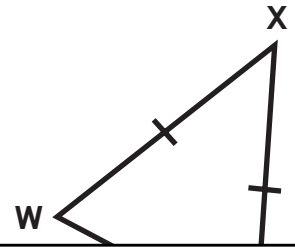
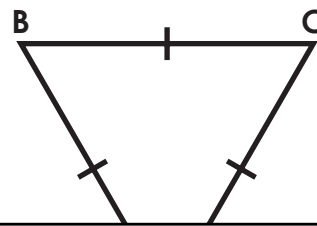
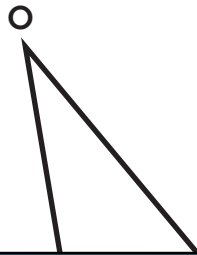
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Multiply. Simplify if possible.

$$8 \times \frac{4}{5} = \underline{\hspace{2cm}} = 7 \times \frac{7}{10} \qquad \frac{2}{3} \times 12 = \underline{\hspace{2cm}}$$

The value of the digit in the thousands place in the number 426,398 is 10 times the value of the digit in the ten thousands place in which number?

a. 341,679

Classify each triangle. Write **isosceles**, **scalene**, or **equilateral**.

Preview

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	6,000	700	40	9
32				

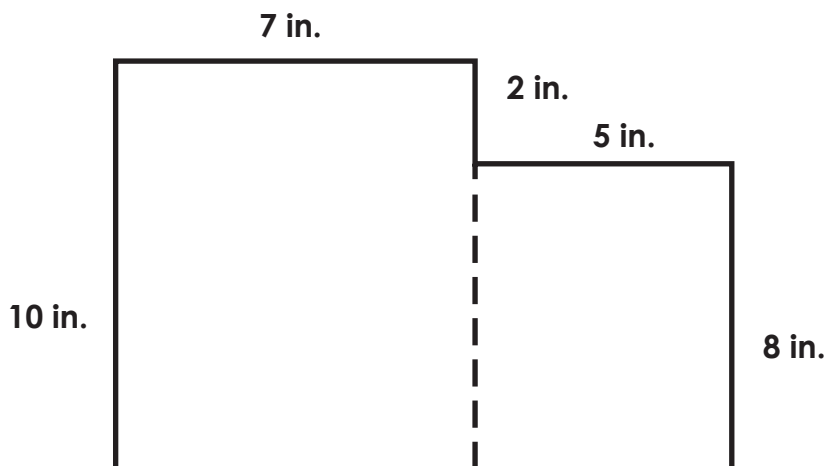
$$\begin{aligned}
 32 \times 6,749 &= 32 \times (6,000 + 700 + 40 + 9) \\
 &= (32 \times 6,000) + (32 \times 700) + (32 \times 40) + (32 \times 9) \\
 &= \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} \\
 &= \underline{\hspace{2cm}}
 \end{aligned}$$



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Find the area of each rectangle. Then find the area of the combined rectangles.



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

$$0.80 \quad \bigcirc \quad 0.8$$

$$0.27 \quad \bigcirc \quad 0.49$$

$$0.6 \quad \bigcirc \quad 0.31$$

Multiply.



Preview

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Area = _____ square in.

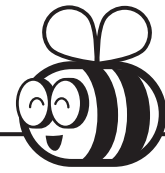
_____ = 9×10^4

Isabella is making buttercream frosting. She gradually adds three one half cups of powdered sugar. How much powdered sugar did Isabella use to make the frosting? Simplify if possible.

Show your work.

answer: _____





Name: _____

Math Buzz

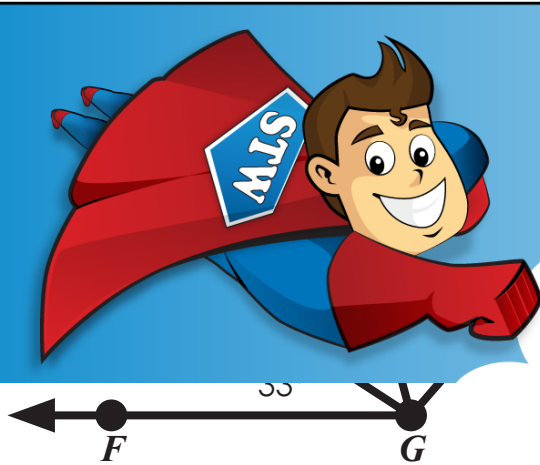
Solve.

Metric Units of Capacity

1 liter = 1,000 milliliters

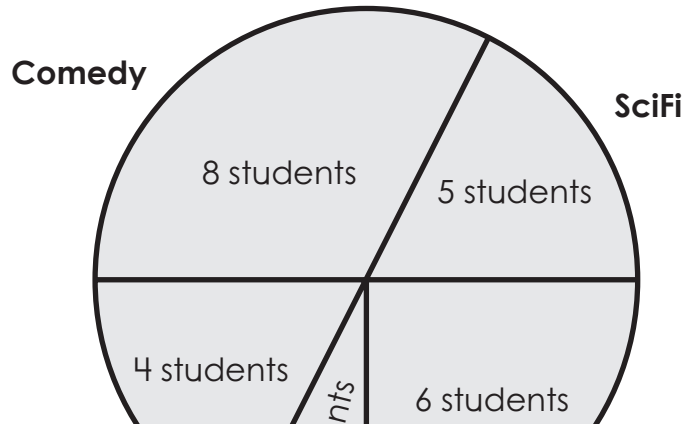
7,000 milliliters + 10 liters = _____ milliliters

18 liters - 6,000 milliliters = _____ liters

If $\angle FGH$ measures 131° , what is the measure of $\angle IGE$? $\angle IGE =$ _____

Miss Harrington's class voted for their favorite movie genre. The circle graph shows the results.

Favorite Movie Genres



Preview

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What fraction of the students voted for SciFi? Simplify if possible.

Divide.

	1	2	8	4		

	1	5	9	5		

Name: _____



Math Buzz

Order the decimals from **least** to **greatest**.

0.5 , 0.20 , 0.9 , 0.05 , 0.77

_____ , _____ , _____ , _____ , _____

Circle the common multiples.

Multiples of 4: 4 , 8 , 12 , 16 , 20...

Multiples of 6: 6 , 12 , 18 , 24 , 30...

The least common multiple (LCM) is

Find the length, width, and height of the rectangular prism. Then find the volume.

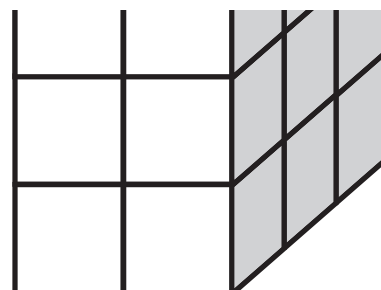


= 1 cubic meter



Preview

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_____ x _____ x _____
length width height

Volume = _____ cubic m

answer: _____



Use the rule to write the next six numbers in the pattern.

Rule: Add 5, Multiply by 3

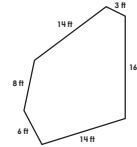
20, 25, 75,
80, 240,
245, 735

Admission passes to the indoor trampoline park for 90 minutes cost Logan and his three friends a total of \$72. If admission was the same rate for each person, how much does a single pass cost?

$$72 \div 4 = 18$$

answer: \$18

Find the perimeter of the irregular polygon.



$$16 + 14 + 14 + 8 + 6 + 3 = 61$$

Perimeter = 61 ft

Write each fraction as a decimal.

$$\frac{71}{1,000} = \underline{0.071} \quad \frac{603}{1,000} = \underline{0.603}$$

$$\frac{8}{1,000} = \underline{0.008}$$

Write each decimal as a fraction.

$$0.568 = \frac{568}{1,000} \quad 0.002 = \frac{2}{1,000}$$

$$0.034 = \frac{34}{1,000}$$

Multiply. Simplify if possible.

$$8 \times \frac{4}{5} = \underline{6 \frac{2}{5}}$$

$$4 \frac{9}{10} = 7 \times \frac{7}{10}$$

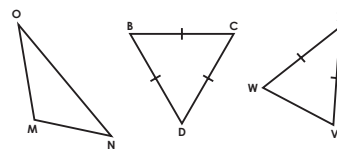
The value of the digit in the thousands place in the number 426,398 is 10 times the value of the digit in the ten thousands place in which number?

a. 341,679

b. 714,369

c. 163,947

Classify each triangle. Write **isosceles**, **scalene**, or **equilateral**.



scalene **equilateral** **isosceles**

Complete the area model. Then use the distributive property of multiplication to find the product.

	6,000	700	40	9
32	<u>192,000</u>	<u>22,400</u>	<u>1,280</u>	<u>288</u>

$$32 \times 6,749 = 32 \times (6,000 + 700 + 40 + 9)$$

$$= (32 \times 6,000) + (32 \times 700) + (32 \times 40) + (32 \times 9)$$

$$= \underline{192,000} + \underline{22,400} + \underline{1,280} + \underline{288}$$



Area = 110 square in.

Preview

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70,000 - 7,810

answer: 62,190

Solve.

Metric Units of Capacity

1 liter = 1,000 milliliters

7,000 milliliters + 10 liters = 17,000 milliliters

18 liters - 6,000 milliliters = 12 liters

Miss Harrington's class voted for their favorite movie genre. The circle graph shows the results.

How many total students voted? 25

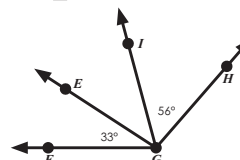
Which movie genre was most popular?

Comedy

What fraction of the students voted for SciFi? Simplify if possible.

$\frac{1}{5}$

If $\angle FGH$ measures 131° , what is the measure of $\angle IGE$?



$$33 + 56 = 89$$

$$131 - 89 = 42$$

$$\angle DMJ = \underline{42^\circ}$$

Divide.

									7
	1	2	8	4					
			-	8	4				
					0				
									6 r 5
	1	5	9	5					
			-	9	0				
					5				

Order the decimals from **least** to **greatest**.

0.5, 0.20, 0.9, 0.05, 0.77

0.05, 0.20, 0.5, 0.77, 0.9

Circle the common multiples.

Multiples of 4: 4, 8, 12, 16, 20...

Multiples of 6: 6, 12, 18, 24, 30...

The least common multiple (LCM) is

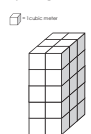
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During this year's fall fundraiser, the fifth grade classes sold more boxes of cookie dough than any other grade at Clarkdale Elementary School. They sold a total of 482 boxes of cookie dough. Each box had 36 cookies. How many total cookies did the fifth grade classes sell?

$$482 \times 36 = 17,352$$

answer: 17,352 cookies

Find the length, width, and height of the rectangular prism. Then find the volume.



$$\underline{2 \text{ m}} \times \underline{3 \text{ m}} \times \underline{5 \text{ m}}$$

length width height

Volume = 30 cubic m