

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



## Math Buzz

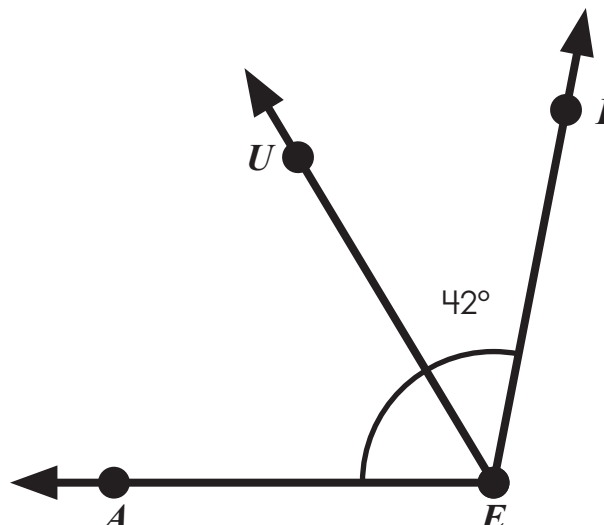
Write prime or composite.

67 \_\_\_\_\_

73 \_\_\_\_\_

21 \_\_\_\_\_

89 \_\_\_\_\_

If  $\angle AEI$  measures  $101^\circ$ , what is the measure of  $\angle AEU$ ?

# Preview

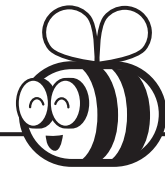
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the printable version of this worksheet.

Use place value patterns to complete the table.

$\frac{1}{10}$ of	Number	10 times as much as
	840	
	5,620	
	65,300	
	845,000	



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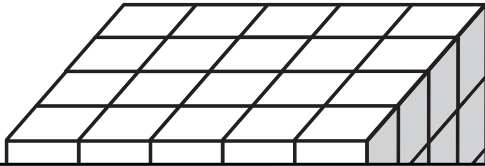


# Math Buzz

Evaluate each expression.

$$9,736 - (1,135 \times 6) = \underline{\hspace{2cm}} \qquad (575 \div 5) + 350 = \underline{\hspace{2cm}}$$

Count the cubes and write the volume of the rectangular prism.

 = 1 cubic in.


Convert the measurements.

### Standard Units of Liquid Volume

1 gallon = 4 quarts

1 gallon = 8 pints

1 gallon = 16 cups

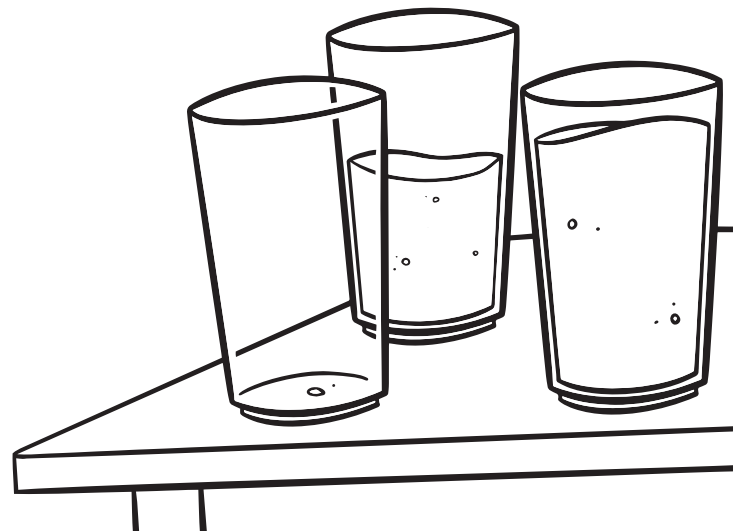


# Preview

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Devon drank  $1\frac{6}{10}$  liters of water at track practice. Keshia drank  $2\frac{20}{100}$  liters of water. How much water did Devon and Keshia drink together? Simplify if possible.

**Show your work.**



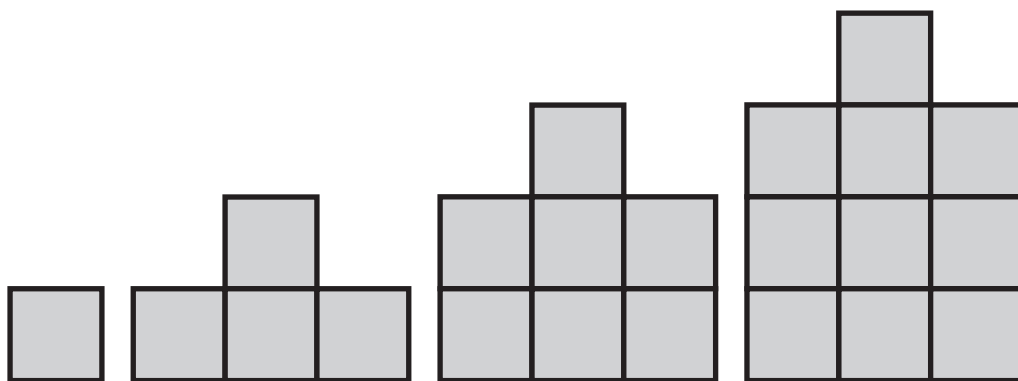
answer: \_\_\_\_\_ liters

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If the pattern continues, draw the figure that comes next.



## Preview

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$$\triangle BNM = 130^\circ, 25^\circ, 25^\circ$$

\_\_\_\_\_

$$875,000 \div 5,000 = \underline{\hspace{2cm}}$$

$$\triangle JKD = 60^\circ, 60^\circ, 60^\circ$$

\_\_\_\_\_

$$6,980 \div 10 = \underline{\hspace{2cm}}$$

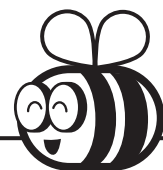
$$700,000 \div 700 = \underline{\hspace{2cm}}$$

Subtract. Simplify if possible.

$$15 \frac{8}{10} - 4 \frac{20}{100} = \underline{\hspace{2cm}}$$

$$10 \frac{8}{9} - 4 \frac{2}{3} = \underline{\hspace{2cm}}$$

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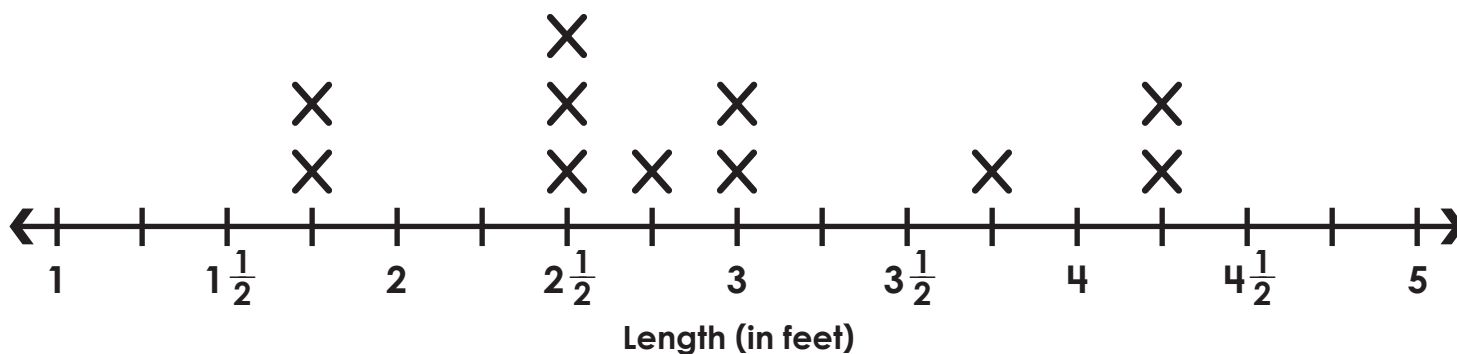


# Math Buzz

The line plot below shows the length, in feet, of common snakes.

Common Snakes

key: X = 1 snake



## Preview

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\_\_\_\_\_

$$(45 + 35) \div 10$$

\_\_\_\_\_

1	7
17	
	182
	364
43	

Write each mixed number as a decimal.

$$2 \frac{7}{10} = \underline{\hspace{2cm}}$$

$$6 \frac{8}{100} = \underline{\hspace{2cm}}$$

$$4 \frac{8}{10} = \underline{\hspace{2cm}}$$

$$7 \frac{25}{100} = \underline{\hspace{2cm}}$$

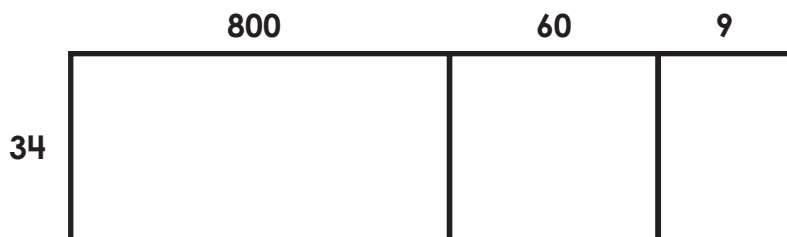
$$18 \frac{4}{10} = \underline{\hspace{2cm}}$$

$$35 \frac{9}{100} = \underline{\hspace{2cm}}$$

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# Math Buzz

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



$$869 \times 34 = 34 \times (800 + 60 + 9)$$

$$= (34 \times \underline{\quad}) + (34 \times \underline{\quad}) + (34 \times \underline{\quad})$$

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

$$\frac{9}{12} \quad \bigcirc \quad \frac{5}{6}$$

$$\frac{42}{100} \quad \bigcirc \quad \frac{4}{10}$$



than the Yangs? Simplify if possible.

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



# Preview

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parallel sides.

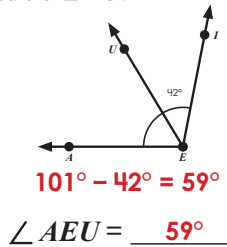
- a. square
- b. rhombus
- c. parallelogram
- d. trapezoid



Write prime or composite.

- 67 prime
- 73 prime
- 21 composite
- 89 prime
- 49 composite

If  $\angle AEU$  measures  $101^\circ$ , what is the measure of  $\angle AEU$ ?



Add. Simplify if possible.

$$6\frac{4}{10} + 3\frac{2}{5} = 9\frac{8}{10} \text{ or } 9\frac{4}{5}$$

$$12\frac{1}{4} + 6\frac{5}{8} = 18\frac{7}{8}$$

Use place value patterns to complete the table.

$\frac{1}{10}$ of	Number	10 times as much as
84	840	8,400
562	5,620	56,200
6,530	65,300	653,000
84,500	845,000	8,450,000

Evaluate each expression.

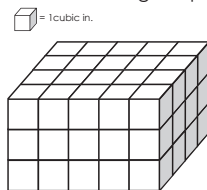
$$9,736 - (1,135 \times 6) = 2,962$$

$$9,736 - 6,810$$

$$(575 \div 5) + 350 = 465$$

$$115 + 350$$

Count the cubes and write the volume of the rectangular prism.



Convert the measurements.

Standard Units of Liquid Volume
1 gallon = 4 quarts
1 gallon = 8 pints
1 gallon = 16 cups
1 gallon = 128 ounces

376 pints = 47 gallons

9 gallons = 1,152 ounces

Devon drank  $1\frac{6}{10}$  liters of water at track practice. Keshia drank  $2\frac{20}{100}$  liters of water. How much water did Devon and Keshia drink together? Simplify if possible.

Show your work.

$$1\frac{6}{10} + 2\frac{20}{100} = 3\frac{80}{100} = 3\frac{4}{5}$$



# Preview

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$700,000 \div 700 = 1,000$

acute

The line plot below shows the length, in feet, of common snakes.

What is the difference in size between the longest and shortest snakes?

$2\frac{1}{2}$  feet

How many snakes measured less than 3 feet?

6

Rewrite each algebraic expression as a phrase.

$(10 \times 9) \div 5$

Multiply 10 by 9, then divide by 5.

$(45 + 35) \div 10$

Find the sum of 45 and 35, then divide by 10.

Answers may vary.

Complete the table.

Weeks	Days
1	7
17	119
26	182
52	364
43	301

Write each mixed number as a decimal.

$2\frac{7}{10} = 2.7$       $7\frac{25}{100} = 7.25$

$6\frac{8}{100} = 6.08$       $18\frac{4}{10} = 18.4$

$4\frac{8}{10} = 4.8$       $35\frac{9}{100} = 35.09$

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

$$869 \times 34 = 34 \times (800 + 60 + 9)$$

$$= (34 \times 800) + (34 \times 60) + (34 \times 9)$$

$$= 27,200 + 2,040 + 306$$

$$= 29,546$$

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

$\frac{9}{12} < \frac{5}{6}$

$\frac{42}{100} > \frac{4}{10}$

$\frac{1}{2} = \frac{5}{10}$

The Yangs and the Cohens both ordered pizza from Leonardi's for dinner. The Yangs ate  $1\frac{1}{6}$  pizzas. The Cohens ate  $2\frac{1}{2}$  pizzas. How much more pizza did the Cohens eat than the Yangs? Simplify if possible.

$$2\frac{1}{2} - 1\frac{1}{6} = \frac{5}{6}$$

answer:  $\frac{5}{6}$

Read the clue to identify which polygon is being described.

I am a quadrilateral with only one pair of parallel sides.

- a. square
- b. rhombus
- c. parallelogram
- d. trapezoid