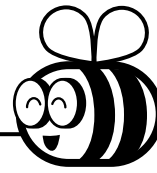


Name: _____



Math Buzz

The shoe sizes of the students in Mr. Haseley's class are shown below.

3, 5, 8, $6\frac{1}{2}$, $7, 4\frac{1}{2}, 6\frac{1}{2}, 6, 5\frac{1}{2}, 7\frac{1}{2}, 8, 3\frac{1}{2}, 5, 7\frac{1}{2}, 6, 6\frac{1}{2}, 5, 4\frac{1}{2}$

Display the data on a line plot.

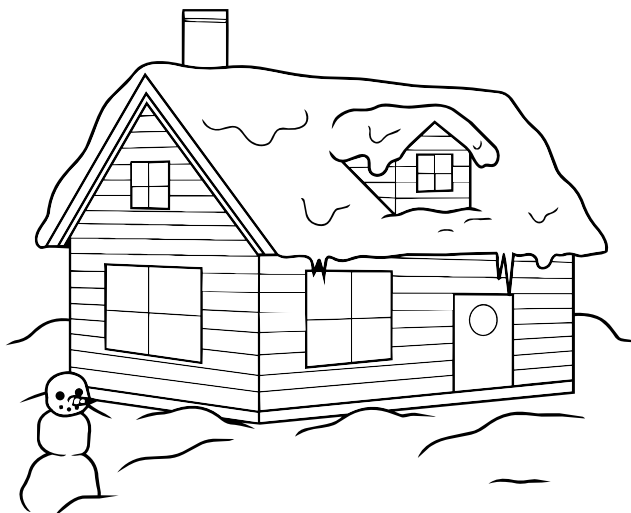
Class Shoe Size



Preview

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the printable version of this worksheet.

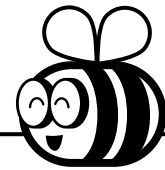
Write a statement using $<$, $>$, $\leq$, or $\geq$ to compare
the lowest recorded temperatures of the two states.



Select all the expressions equivalent
to $3y + 2y$.

- ☐ a $5y$
- ☐ b $6y$
- ☐ c $y + 5$
- ☐ d $y + y + y + y + y$
- ☐ e y^6

Name: _____



Math Buzz

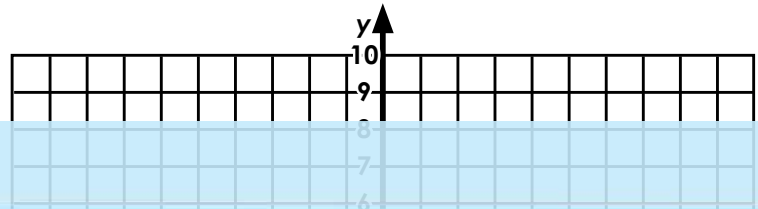
Freddie bought a rug shaped like an isosceles trapezoid for his bedroom. The trapezoid's bases are 7 feet and 11 feet. Its height is 6 feet. What is the area, in square feet, of the rug?

Semaj lives in a city that is built on a grid that is similar to a coordinate plane. Each unit is one city block.

She is riding her scooter from her home at point $(-4, 5)$ to the basketball courts at point $(-4, 2)$.

Plot and label the two points. Then find the distance Semaj travels on her scooter.

answer: _____



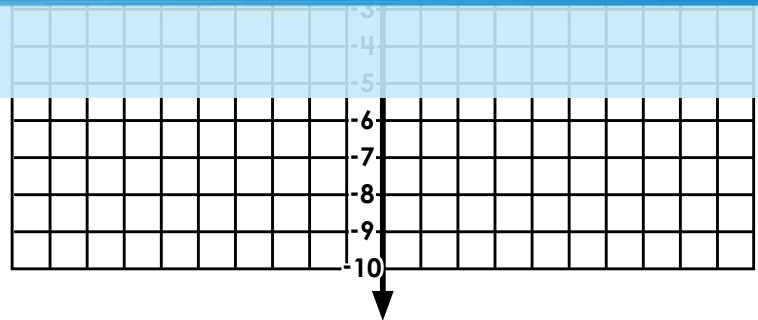
Preview

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$$15 + 18 = \underline{\hspace{2cm}}$$

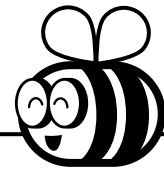
$$33 + 24 = \underline{\hspace{2cm}}$$

$$50 + 75 = \underline{\hspace{2cm}}$$



Agastya says $-\frac{8}{20}$ is to the left of $-\frac{23}{24}$ on a number line. Is he correct? Explain.

Name: _____



Math Buzz

The top of a rectangular desk has a width of $2\frac{1}{2}$ feet and an area of $10\frac{1}{2}$ square feet. What is the length, in feet, of the top of the desk? Write your answer as a mixed number in simplest form.

Circle the larger number.

1. 3,000 millimeters 2 meters neither
2. 1 meter 26 centimeters neither
3. 1 centimeter 10 millimeters neither

A recipe requires 2 cups of flour for every 6 ounces of chocolate chips. Complete the table to represent the ratio of flour to chocolate chips.

Flour (cups)	Chocolate Chips (ounces)
-----------------	-----------------------------



Preview

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

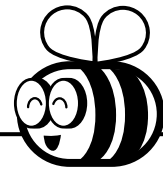
home to grade the weekend. She could only grade 27 on Saturday. So, she had 61 tests left to grade on Sunday.

Fill in the model to match the situation. Then write an equation that represents the situation.

t	
---	---



Name: _____

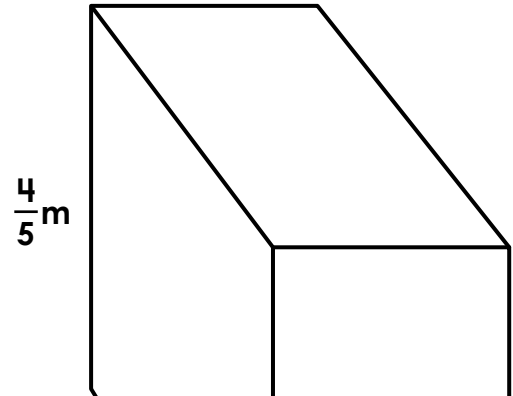


Math Buzz

Joelle mixed 5.7 grams of salt into a pot of water to boil pasta noodles. To make the pasta sauce, she used 2.8 grams of salt. How much salt did Joelle use in all?

answer: _____

Find the volume of the right rectangular prism in cubic meters. Write your answer as a fraction.



A machine produces lollipops at a constant rate. In 31 minutes, the machine produces 5 pounds of lollipops. How long, in minutes, will it take the machine to produce 8 pounds of lollipops?

answer: _____



Preview

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the printable version of this worksheet.

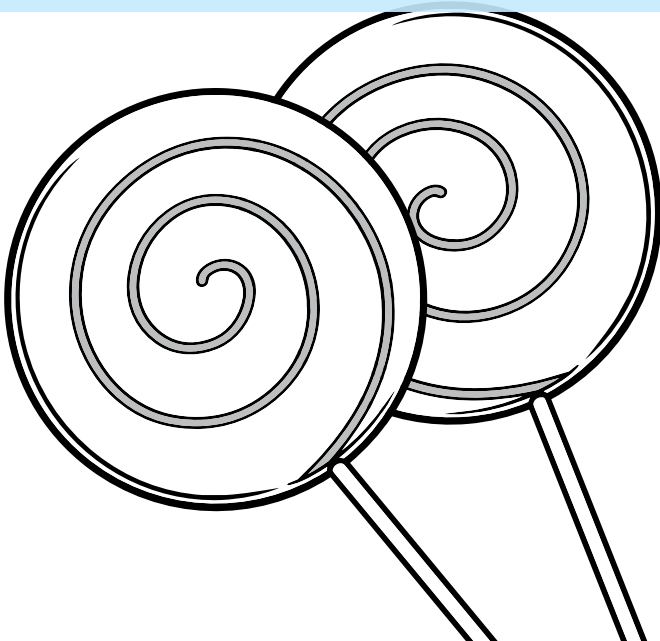
answer: _____

Combine like terms.

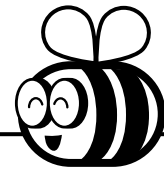
$$5j - 2j = \underline{\hspace{2cm}}$$

$$7f + 2f - 3f = \underline{\hspace{2cm}}$$

$$4x + 3x - 2y = \underline{\hspace{2cm}}$$

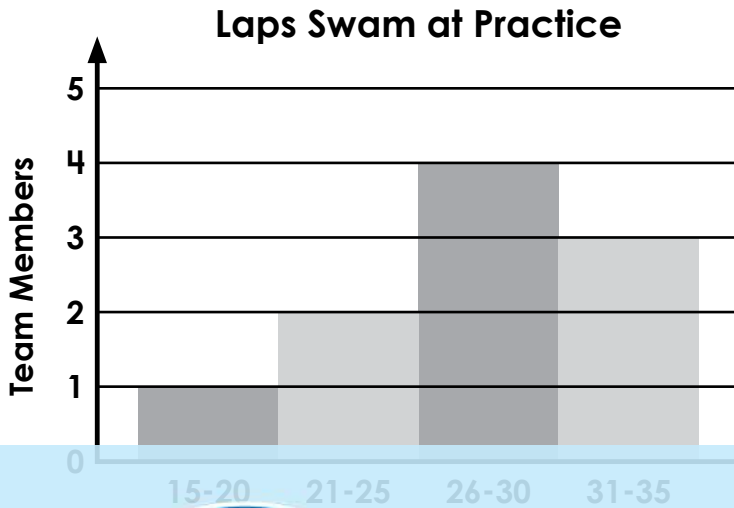


Name: _____



Math Buzz

The 6th grade swim team recorded the number of laps they completed one day during practice and displayed their data in the histogram.



Preview

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

Aye makes fruit punch by mixing the following ingredients.

- 3 pints of grape juice
- 5 pints of apple juice
- 4 pints of orange juice
- 2 pints of cranberry juice

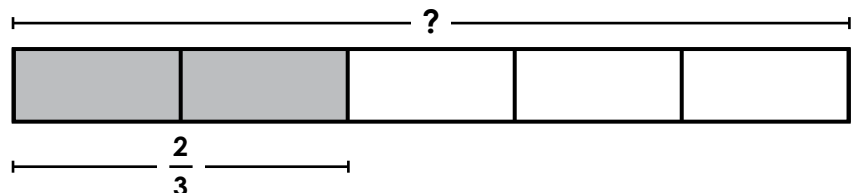
How many **quarts** of fruit punch does Aye make?

answer: _____

Lucas checks the value of his favorite video game company's stock each day. Yesterday, the value of the stock fell 4 points. What integer represents the change in the stock's value?

answer: _____

Use the model to help you solve. Write your answer in simplest form.

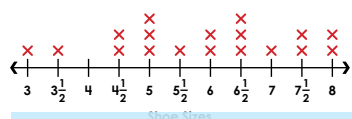


$$\frac{2}{3} \div \frac{2}{5} = \underline{\hspace{2cm}}$$



Display the data on a line plot.

Class Shoe Size



The lowest recorded temperatures for two states are listed below.

-17°F and -14°F

Write a statement using $<$, $>$, $\leq$, or $\geq$ to compare the lowest recorded temperatures of the two states.

$$-17^{\circ}\text{F} < -14^{\circ}\text{F}$$

Multiply.

$$\begin{array}{r} 5,628 \\ \times \quad 40 \\ \hline 0\,000 \\ + 225,120 \\ \hline 225,120 \end{array}$$

Select all the expressions equivalent to $3y + 2y$.

- ☒ a $5y$
- ☒ b $6y$
- ☒ c $y + 5$
- ☒ d $y + y + y + y + y$
- ☐ e y^6

Freddie bought a rug shaped like an isosceles trapezoid for his bedroom. The trapezoid's bases are 7 feet and 11 feet. Its height is 6 feet. What is the area, in square feet, of the rug?

$$\begin{aligned} A &= lw = 7 \times 6 = 42 \\ A &= \frac{1}{2}bh = \frac{1}{2}(2)(6) = 6 \\ 6 + 6 &= 12 \\ 42 + 12 &= 54 \end{aligned}$$

answer: 54 square feet

For (a) and (b), find the sum.

$$33 + 24 = 57$$

$$50 + 75 = 125$$

Agastya says $-\frac{8}{20}$ is to the left of $-\frac{23}{24}$ on a number line. Is he correct? Explain.

Answers may vary but should indicate

Agastya is incorrect because $-\frac{8}{20}$ is to the right of $-\frac{23}{24}$ on a number line.



Preview

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

answer: $4\frac{1}{5}$ feet

$$27 + 61 = 88$$

Joelle mixed 5.7 grams of salt in a pot of water to boil pasta noodles. To make the pasta sauce, she used 2.8 grams of salt. How much salt did Joelle use in all?

$$\begin{array}{r} 5.7 \\ + 2.8 \\ \hline 8.5 \end{array}$$

answer: 8.5 grams

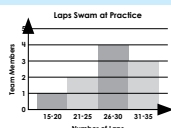
A machine produces lollipops at a constant rate. In 31 minutes, the machine produces 5 lollipops. How long will it take the machine to produce 8 lollipops?

$$5l - 2j = 3j$$

answer: 49.6 minutes

$$7f + 2f - 3f = 6f$$

$$4x + 3x - 2y = 7x - 2y$$



How was the data collected?

Students counted the number of laps they each completed.

What is the data's unit of measure?

completed laps

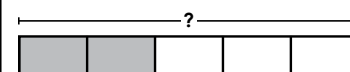
How many **quarts** of fruit punch does Aye make?

$$14 \div 2 = 7$$

answer: 7 quarts

Lucas checks the value of his favorite video game company's stock each day. Yesterday, the value of the stock fell 4 points. What integer represents the change in the stock's value?

answer: -4



$$\frac{2}{3} \div \frac{2}{5} = \frac{2}{3} \times \frac{5}{2} = \frac{10}{6} = \frac{5}{3}$$

$$\frac{2}{3} \div \frac{2}{5} = \frac{5}{3}$$