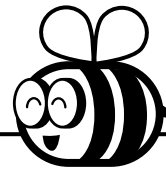


Name: _____



Math Buzz

Convert.

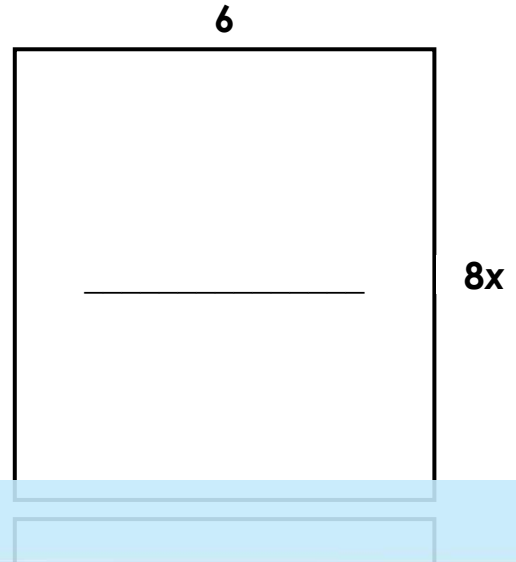
100 centimeters = _____ meters

_____ kilograms = 2,000 grams

_____ milliliters = 7 liters

A recipe requires a ratio of 5 cups of cereal to every 2 cups of powdered sugar. Using this ratio, how many cups of cereal are needed when 3 cups of powdered sugar are used?

Use the area model to multiply $6(8x + 11y)$.



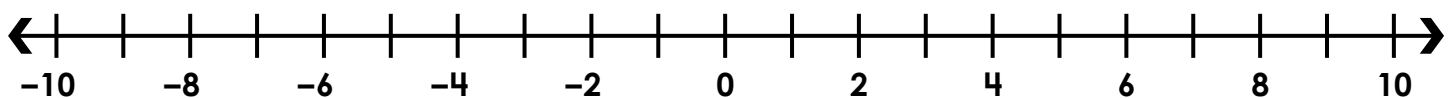
Preview

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



$$6(8x + 11y) = \underline{\hspace{2cm}}$$

Circle the inequality that makes the statements true. Use the number line to help you.

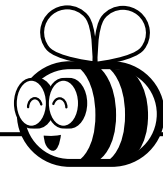


$$-9 < -1$$

$$-2 < -5$$

$$1 < -1$$

Name: _____



Math Buzz

Ximena recorded the outside temperature at noon for 5 days. Her data is in the table.

Day	Temperature (°F)
Monday	65
Tuesday	72
Wednesday	75
Thursday	61
Friday	68

What tool did Ximena use to measure her data? _____

What is the data's unit of measure? _____

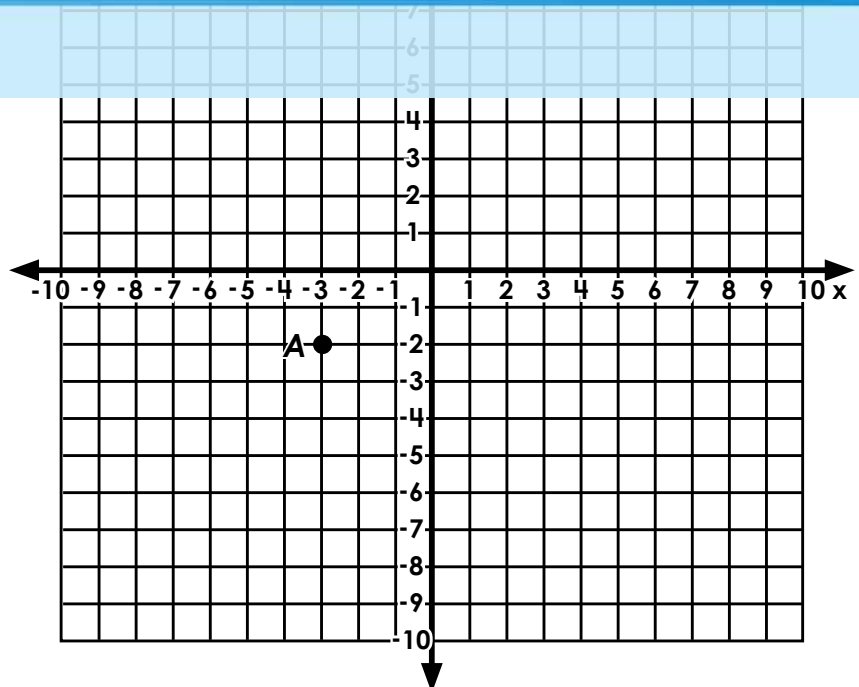


Preview

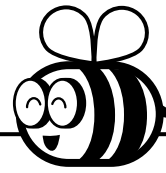
Please log in to download
the printable version of this worksheet.

There are teal and purple tiles in a bin. The ratio of teal tiles to purple tiles is 2:7. There are 20 more purple tiles than teal tiles in the bin. How many teal tiles are in the box?

answer: _____



Name: _____



Math Buzz

Lainey says, "4 is the greatest common factor of 24 and 40, because the two numbers are both multiples of 4." Is Lainey correct? Explain.

Four siblings are going to take turns watching their family's new puppy in equal shifts throughout one whole day. How much time will each sibling spend watching the puppy?

Write your answer in hours.

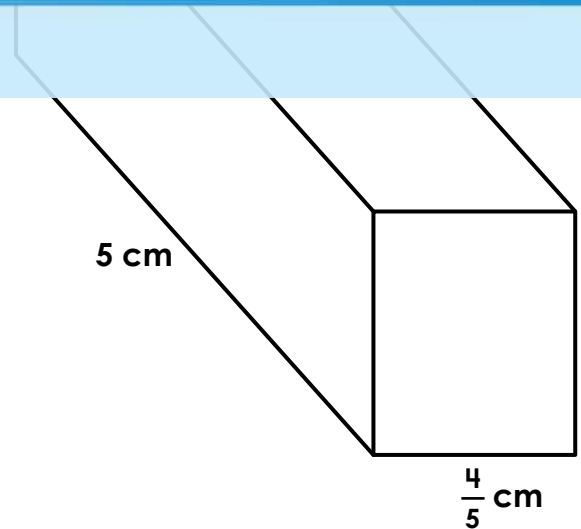
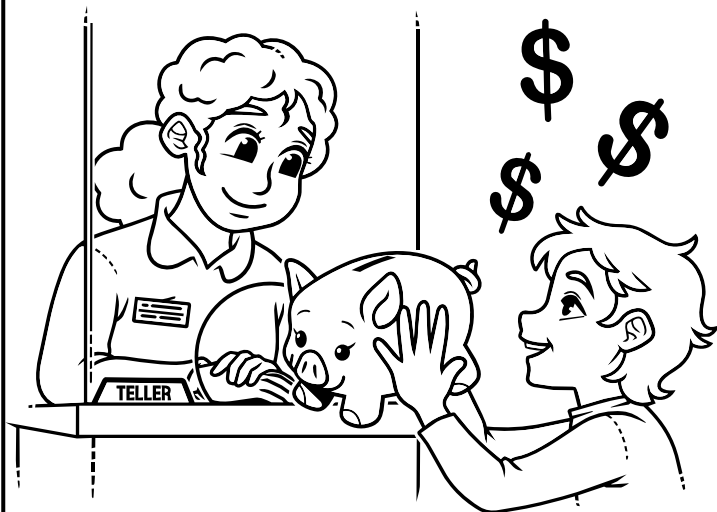
Write your answer in minutes.

Write your answer in seconds.



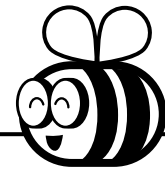
Preview

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



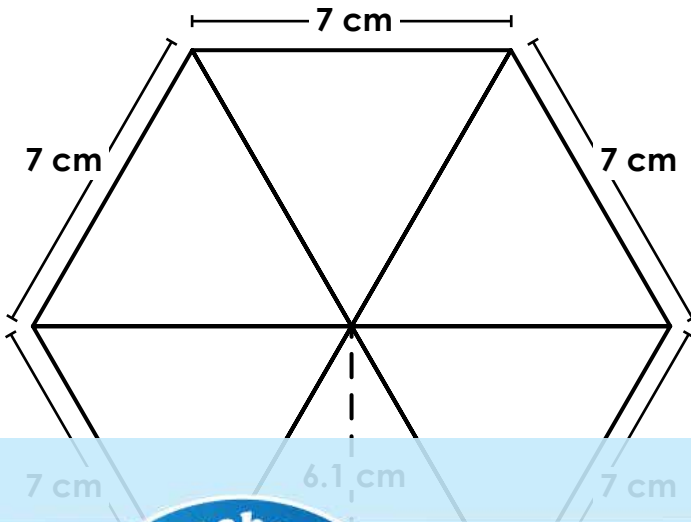
answer: _____

Name: _____



Math Buzz

George made a regular hexagon with equilateral triangles.



The low temperatures for one week in Anchorage, Alaska are recorded in the chart below.

Monday	-8.5°C
Tuesday	-2°C
Wednesday	0°C
Thursday	1°C
Friday	-3°C
Saturday	-5°C
Sunday	-7°C



Preview

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

answer: _____

Kamari is 24 years old. She is 4 times as old as Hyuk. Write **and** solve an equation to determine Hyuk's age, **a**.

equation: _____

Hyuk's age: _____

make one full thermos of hot chocolate.

How many thermoses will she be able to fill completely if she uses 5 scoops of cocoa powder?

answer: _____

Name: _____



Math Buzz

Select all the expressions equivalent to $4x + 4x$.

- ☐ **a** x^8
☐ **d** $x + 8$
☐ **b** $16x$
☐ **e** $4(x + x)$
☐ **c** $8x$

Each student in Mrs. Chudy's class timed themselves for how long it took them to complete a spelling sort. Their times, in minutes, are listed in the chart.

Student	1	2	3	4	5	6	7	8	9
Time (Minutes)	2	3	1	2	2	3	4	1	2

Display the data in a dot plot.

Subtract.

8

- 1.43



Preview

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



Use the model to help you solve.

$$\frac{1}{2} \div \frac{1}{3} = \underline{\hspace{2cm}}$$

_____ ? _____



_____ $\frac{1}{2}$ _____



Convert.

100 centimeters = 1 meters

2 kilograms = 2,000 grams

7,000 milliliters = 7 liters

$$\begin{array}{r} 6 \\ 48x \\ \hline 66y \\ \hline \end{array}$$

$$6(8x + 11y) = 48x + 66y$$

A recipe requires a ratio of 5 cups of cereal to every 2 cups of powdered sugar. Using this ratio, how many cups of cereal are needed when 3 cups of powdered sugar are used?

5 cups of cereal: 2 cups of powdered sugar
? cups of cereal: 3 cups of powdered sugar
 $2 \times 1.5 = 3$

$$5 \times 1.5 = 7.5$$

answer: 7.5 cups of cereal

Circle the inequality that makes the statements true. Use the number line to help you.

$$-9 \quad \textcircled{<} \quad -1$$

$$-2 \quad \textcircled{>} \quad -5$$

$$1 \quad \textcircled{>} \quad -1$$

Day	Temperature (°F)
Monday	65
Tuesday	72
Wednesday	75
Thursday	61
Friday	68

What tool did Ximena use to measure her data?

thermometer

What is the data's unit of measurement?

°F

Multiply.

Super Teacher

There are teal and purple tiles in a bin. The ratio of teal tiles to purple tiles is 2:7. There are 20 more purple tiles than teal tiles in the bin. How many teal tiles are in the box?

8 teal tiles



Preview

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

What is the area, in square centimeters, of the regular hexagon George made?

$$A = \frac{1}{2}bh = \frac{1}{2}(7)(6.1) = \frac{1}{2}(42.7) = 21.35$$

$$21.35 \times 6 = 128.1$$

answer: 128.1 square centimeters

Monday	-8.5°C
Tuesday	-2°C
Wednesday	0°C
Thursday	1°C
Friday	-5°C

Order the temperatures from coldest to warmest.

-8.5°C, -7°C, -5°C, 0°C, 1°C

Ella uses $\frac{3}{4}$ scoop of cocoa powder to make one full thermos of chocolate. How many scoops of cocoa powder will she be able to use to make 6 full thermoses of chocolate?

answer: 6 full thermoses

Hyuk is 24 years old. She is 4 times as old as Hyuk. Write and solve an equation to determine Hyuk's age.

$$\text{equation: } 4a = 24 \text{ or } a = \frac{24}{4}$$

Hyuk's age: 6 years old

Select all the expressions equivalent to $4x + 4x$.

- ☐ a x^8
☐ d $x + 8$
☐ b $16x$
☐ e $4(x + x)$
☒ c $8x$

Display the data in a dot plot.

Spelling Sort Completion



Subtract.

$$\begin{array}{r} 8.00 \\ - 1.43 \\ \hline 6.57 \end{array}$$

Use the model to help you solve.

$$\frac{1}{2} \div \frac{1}{3} = \frac{3}{2}$$

