

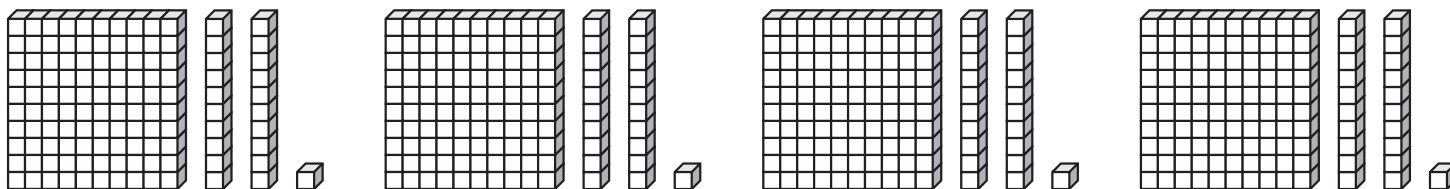
Name: _____



Math Buzz

The model below represents $4.84 \div 4 =$ _____.

Complete the equation to match the model.



Cheyenne is putting together a charcuterie board for a party. The top of the board is shaped like a triangle. The base of the triangle

Use the rule to complete the input/output table. Then graph the input/output pairs from the table.

Rule: add 2

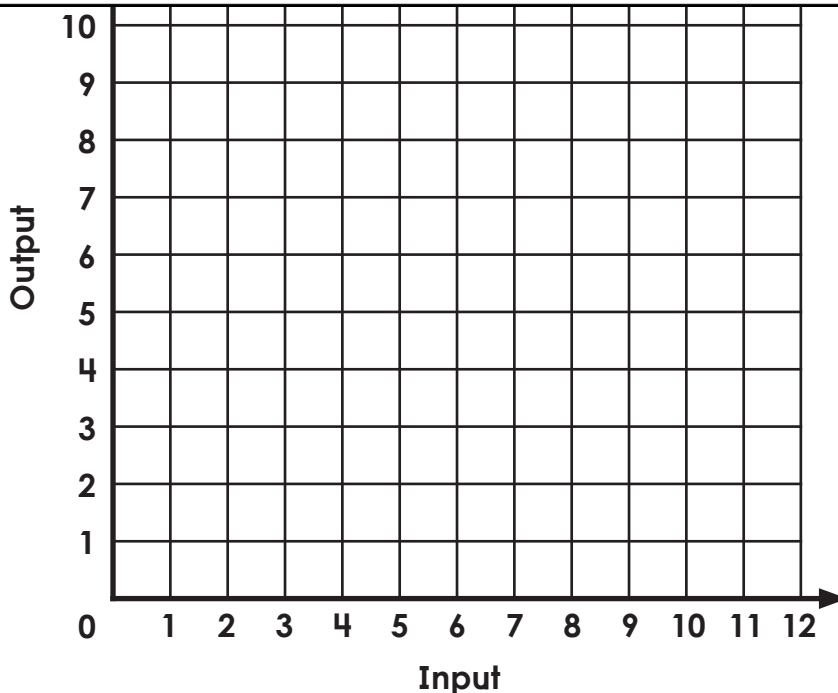


Preview

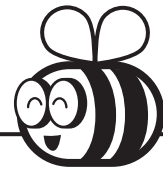
Please log in to download the printable version of this worksheet.

Select all the possible solutions for $5 \geq f$.

- | | |
|-------------|------------|
| a 10 | b 0 |
| c 5 | d 3 |
| e 6 | f 1 |
| g 2 | h 4 |



Name: _____



Math Buzz

Are the shaded numbers on the hundred chart prime or composite? Explain how you know.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60

Evaluate the expressions if $j = 4$.

$$j \times 13 = \underline{\hspace{2cm}}$$

$$48 \div j = \underline{\hspace{2cm}}$$

$$57 + j = \underline{\hspace{2cm}}$$

$$57 - j = \underline{\hspace{2cm}}$$

A right rectangular prism is shown



Preview

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

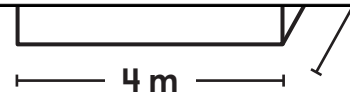
Use the terms in the word bank to complete the sentences. The terms will be used more than once.

quadrants

coordinate plane

A _____ is broken up into four _____.

The intersection of a vertical axis and a horizontal axis forms a _____.



The volume of the prism is 80 cubic meters. What is the width, w , in meters, of the prism?

answer: _____

Name: _____



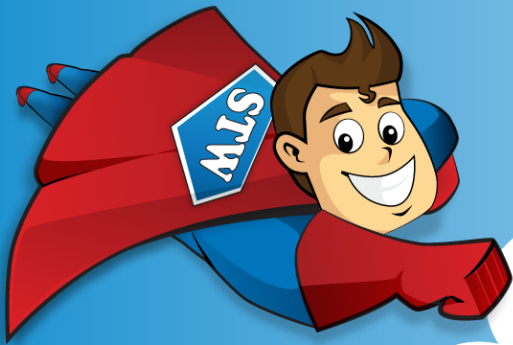
Math Buzz

Circle *less than* or *greater than* if the product of the expressions would be less than or greater than 777.

- $777 \times \frac{1}{5}$ less than greater than
- 56×777 less than greater than
- 777×0.41 less than greater than
- $\frac{12}{3} \times 777$ less than greater than



Downloaded from www.superteacherworksheets.com



Preview

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

What is $\frac{1}{6} \times 3$? _____

Evaluate the expression.

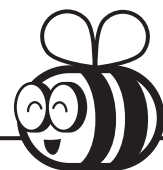
$$5(2 + 6^2) - 17$$

Below is a number line with 0 and 1 labeled.

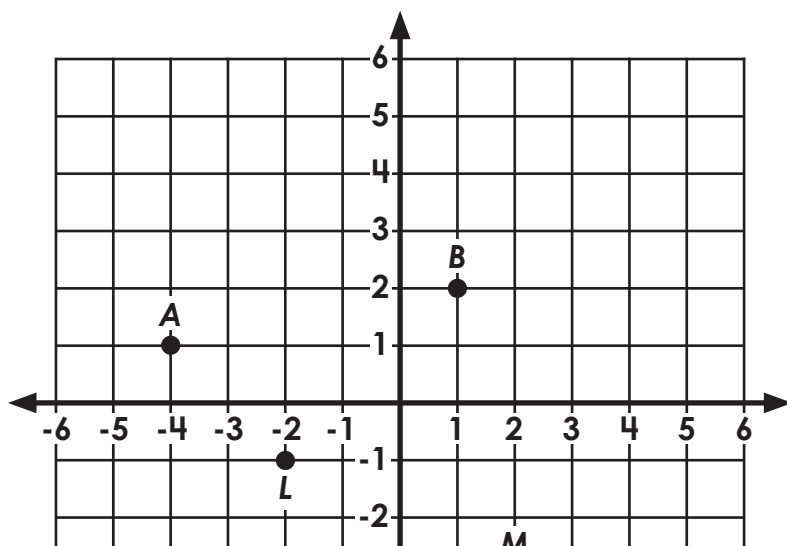
- Label the numbers -5 and -3 on the number line.
- Label the numbers $-(-5)$ and $-(-3)$ on the number line.
- Label -0 on the number line.



Name: _____



Math Buzz



Which quadrant is the point **A** in?

Which quadrant is the point **B** in?

Which quadrant is the point **M** in?



Preview

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

comes or hot sauce. If they used $\frac{5}{8}$ as much
barbeque sauce as hot sauce, how many
bottles of barbeque sauce did they use?

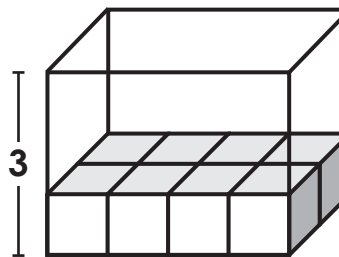
Round to the nearest hundredth.

568.542 _____

0.005 _____

2.834 _____

47.109 _____



Would this number be the same if you
multiplied the length times the width
times the height? Explain.

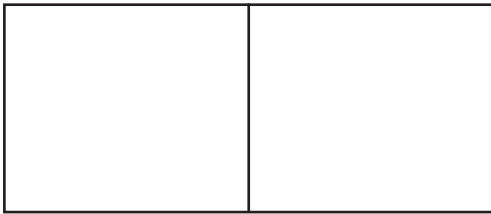
Name: _____



Math Buzz

Use the area model to find the quotient.

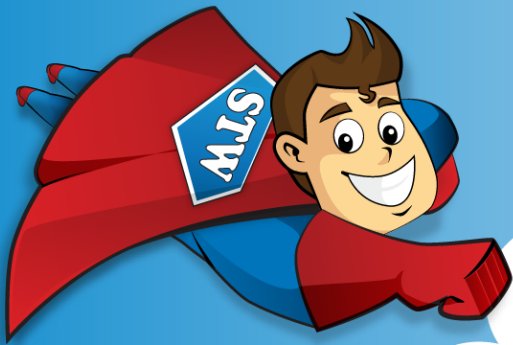
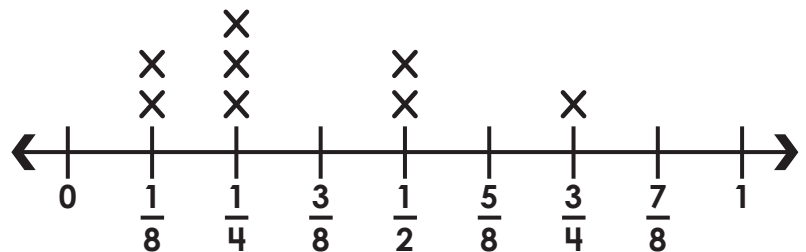
$$3,150 \div 50 = \underline{\hspace{2cm}}$$



Jodi recorded the amount of gluten-free bread, in loaves, she ate in a week in the line plot below.

Loaves Eaten

key: X = 1 loaf



Preview

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

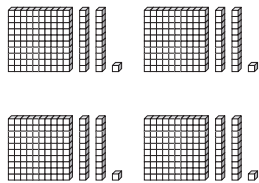
- a. Both shapes are parallelograms that have four right angles.
- b. Both shapes are parallelograms that have four equal sides.
- c. Both shapes are quadrilaterals with two acute angles.
- d. Both shapes are quadrilaterals with two pairs of parallel sides.

Mrs. Tiwari wrote the equation $9 \times \frac{4}{4} = 9$ on the board. A student says the equation is incorrect because multiplying 9 by a fraction equals a product that is less than 9.

Is the students correct? Explain.



The model below represents $4.84 \div 4 =$ 1.21.

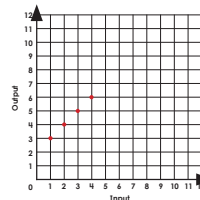


What is the area, in square centimeters, of the top board? Use the formula $A = \frac{1}{2}bh$ to calculate the answer.

$$A = \frac{1}{2}bh = \frac{1}{2}(61)(52) = 1,586$$

1,586 square centimeters

Input (x)	1	2	3	4
Output (y)	3	4	5	6



Select all the possible solutions for $5 \geq f$.

- ☐ a 10 ☐ b 0
☐ c 5 ☐ d 3
☐ e 6 ☐ f 1
☐ g 2 ☐ h 4

Are the shaded numbers on the hundred chart prime or composite? Explain how you know.

The shaded numbers on the hundred chart are prime because their only divisors are 1 and themselves.

Evaluate the expressions if $j = 4$.

$$j \times 13 = \underline{52}$$

$$48 \div j = \underline{12}$$

$$57 + j = \underline{61}$$

The volume of the prism is 80 cubic meters. What is the width, w , in meters, of the prism?

$$\begin{aligned}
 4 \times w \times 2 &= 80 \\
 8 \times w &= 80 \\
 w &= 10
 \end{aligned}$$

quadrants **coordinate plane**

A coordinate plane is broken up into four quadrants.

The intersection of a vertical axis and a horizontal axis forms a



Preview

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

Which quadrant is the point A in?

II

Which quadrant is the point B in?

I

Which quadrant is the point M in?

IV

Which quadrant is the point L in?

III

Yesterday, a restaurant went through $2\frac{1}{3}$ bottles of hot sauce. If they used $\frac{3}{5}$ as much barbeque sauce as hot sauce, how many bottles of barbeque sauce did they use?

$$2\frac{1}{3} \times \frac{3}{5} = \frac{7}{3} \times \frac{3}{5} = \frac{21}{15} \text{ or } 1\frac{6}{15}$$

$$\underline{\frac{21}{15} \text{ or } 1\frac{6}{15}}$$

How many unit cubes in total would you need to pack the rectangular prism?

24 units cubes

Would this number be the same if you multiplied the length times the width times the height? Explain.

Yes, because $4 \times 2 \times 3 = 24$ cubic units. This equals the total number of unit cubes inside the prism.

Round to the nearest hundredth.

568.542 568.54

0.005 0.01

2.834 2.83

47.109 47.11

Use the area model to find the quotient.

$$3,150 \div 50 = \underline{63}$$

60	+	3
3,150		150
- 3,000		- 150
150		0

What is the difference, in loaves, between the most and least amounts of gluten-free bread she ate in a week?

$$\frac{3}{4} - \frac{1}{8} = \frac{2 \times 3}{2 \times 4} - \frac{1}{8} = \frac{6}{8} - \frac{1}{8} = \frac{5}{8}$$

$$\underline{\frac{5}{8} \text{ loaf}}$$

Which statements about rhombuses and squares are always true? Select all that apply.

☒ b. Both shapes are parallelograms that have four equal sides.

☒ d. Both shapes are quadrilaterals with two pairs of parallel sides.

Mrs. Tiwari wrote the equation $9 \times \frac{4}{4} = 9$ on the board. A student says the equation is incorrect because multiplying 9 by a fraction equals a product that is less than 9. Is the student's correct? Explain.

Answers may vary but should indicate the student is incorrect because multiplying a number by a fraction equivalent to 1 results in the product being the same number.