Name: _____

Daily Math Practice

F

136

Math Buzz



Choose the sign that makes the equations true.

-9 > < = |9|

|9| > < = |-9|

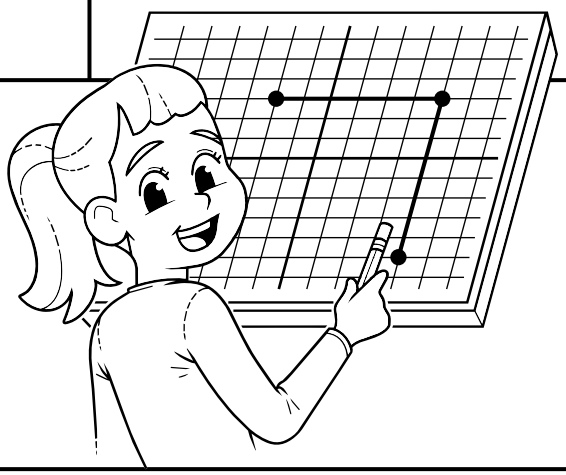
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answer: _____

Three vertices of a rectangle are located at (3,4), (-2,-6), (-2,4) on a coordinate plane. What are the coordinates of the fourth vertex of the rectangle?



answer: _____

Name: _____

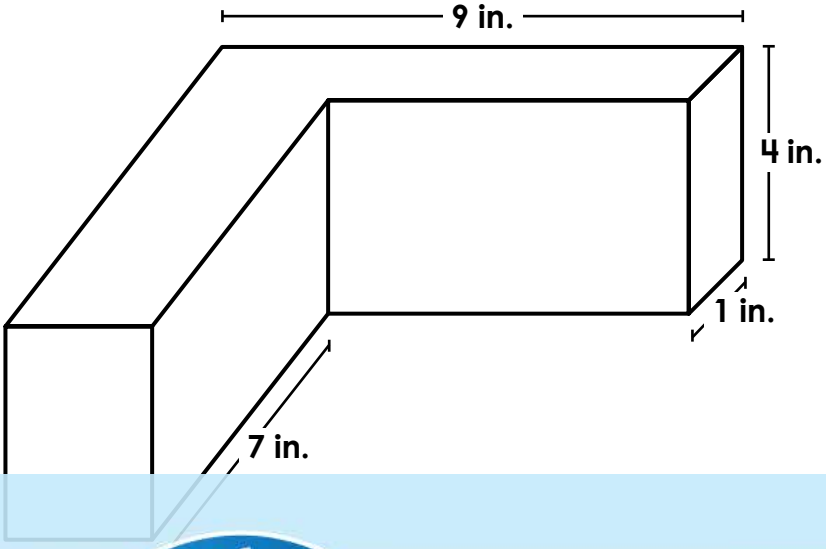
Daily Math Practice

F

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Math Buzz

The figure is made up of two rectangular prisms.



answer: _____

Divide.

$$943\overline{)8,487}$$

Chloe tried to evaluate the expression $4 - 3 + 5 \times 8$. Her work

43

Is Chloe's work correct? Explain.

_____

_____

_____

_____

_____

_____

_____

Super Teacher Worksheets

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Donnell forgot his refillable water bottle at home when he went to a high school football game. So, he went to the concession stand and bought a 20-ounce bottle of iced tea for $2.50.

How much did Donnell pay per ounce for his iced tea?

answer: _____

Name: _____

Daily Math Practice

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Math Buzz

Akito has the following data:

20	16	*j*	7	24	19

If the mode is 20, what number is ***j***?

answer: _____

A group of 6 students in Yearbook Club is on a field trip. That number represents 40% of the total number of students in Yearbook Club. What is the

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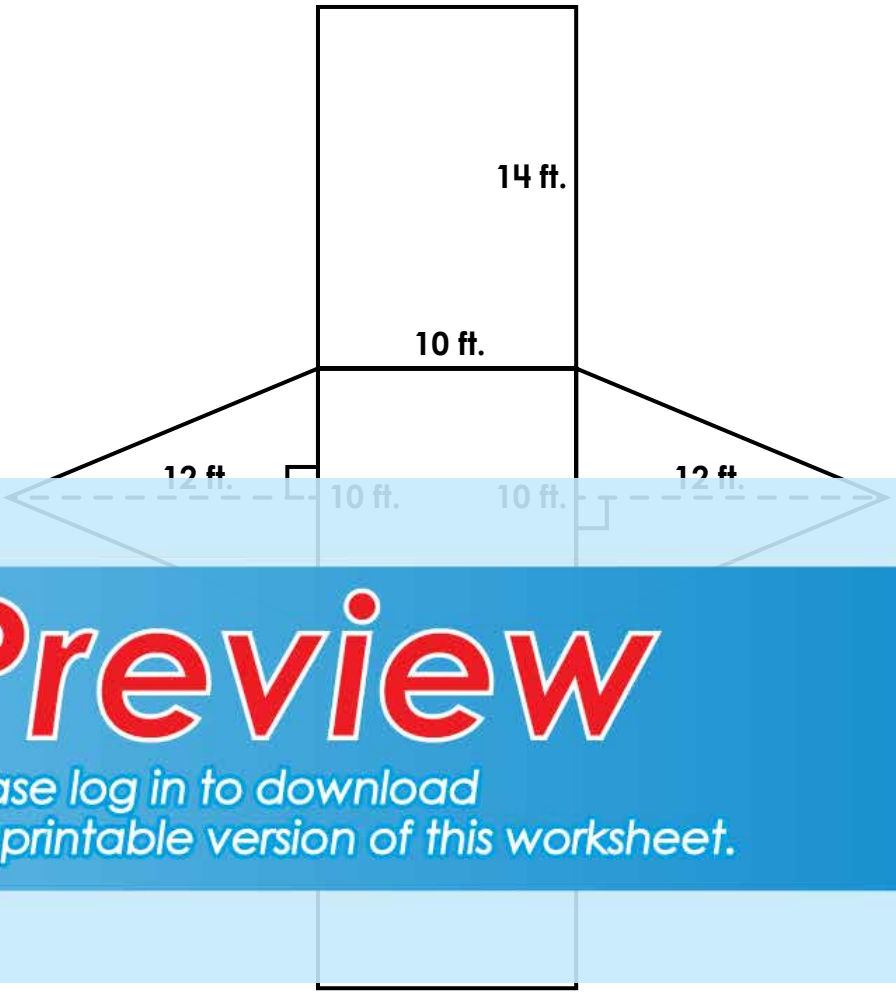
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answer: _____

The regular price for a belt bag is $48. If Promise has a coupon for $7.20 off, how much will the belt bag cost before tax?

answer: _____

What is the surface area of the triangular prism?



answer: _____

Name: _____

Daily Math Practice F 139

Math Buzz

Explain what -3°F means. Use the meaning of 0°F in your explanation.

_____

_____



A sushi restaurant uses the expression $7 + 0.5y$ to determine the cost of sushi rolls that have y pieces.

How much does a sushi roll cost with 8 pieces?

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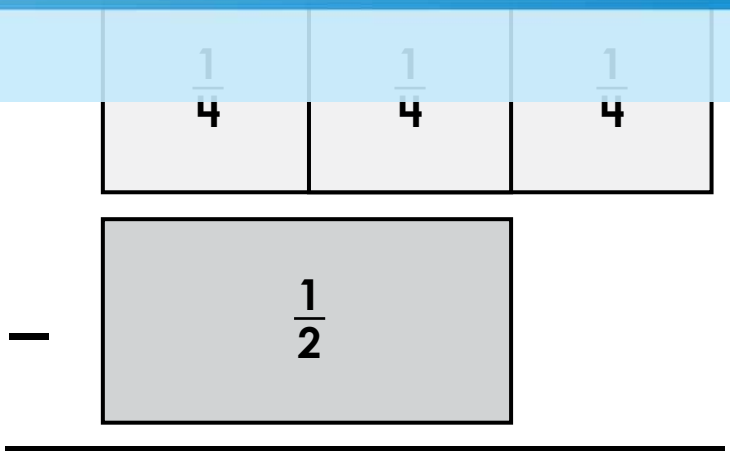
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stickers, snacks, nagets, and fun erasers for her students to earn for good behavior. The prize box has a length of $20\frac{1}{2}$ inches, a height of $5\frac{1}{4}$ inches, and a volume of $645\frac{3}{4}$ cubic inches.

What is the width of the prize box?

answer: _____



$\frac{3}{4} - \frac{1}{2} =$ _____

Name: _____

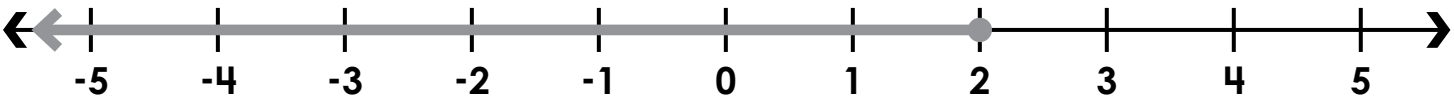
Daily Math Practice

F

140

Math Buzz

The solution set for an inequality is represented on the number line.



Write an inequality, using the variable **x**, which describes the solution set represented on the number line. _____

Divide.

$5\overline{)87.7}$

Dakari wants to buy a new game system that costs $449.99. He has $288 in the bank. If he earns $10.50 an hour pulling weeds, how many hours will Dakari have to work to earn the rest of the money he needs to buy the game system? Round your answer to the nearest half hour.

answer: _____

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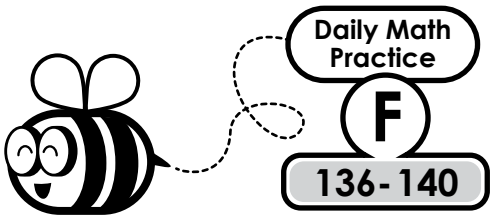
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Ramiya'h rides her bike at an average speed of 13 miles in 1 hour. Riding at this rate, how many feet does Ramiya'h ride in 1 minute?

answer: _____

Math Buzz ANSWERS



Choose the sign that makes the equations true.

-9 > < = |9|

|9| > < = |-9|

|-9| > < = -9

Violet has 30 fruit trees and 45 tomato starters to plant in rows. If she wants all the rows to be exactly the same, with no plants left over, what is the greatest number of rows Violet can plant?

30: 1, 2, 3, 5, 6, 10, 15, 30

45: 1, 3, 5, 9, 15, 45

answer: 15 rows

Multiply.

$$\begin{array}{r} {\scriptstyle 6\ 2} \\ {\scriptstyle 8\ 2} \\ 893 \\ \times\ 709 \\ \hline 8{,}037 \\ 0000 \\ +\ 625{,}100 \\ \hline 633{,}137 \end{array}$$

Three vertices of a rectangle are located at (3,4), (-2,-6), (-2,4) on a coordinate plane. What are the coordinates of the fourth vertex of the rectangle?

answer: (3,-6)

What is the volume, in cubic inches, of the figure?

$V = lwh = (7)(2)(4) = 56$

$V = lwh = (9)(1)(4) = 36$

$56 + 36 = 92$

answer: 92 cubic

Divide.

$\frac{?}{?}$

0

Is Chloe's work co… ain.

Answers may vary but …

Chloe's work is correct.

Donnell forgot his refillable water bottle at home when he went to a high school football game. So, he went to the concession stand and bought a 20-ounce bottle of iced tea for $2.50.

…much did Donnell pay per …e for his iced tea?

$2.50 ÷ 20 = $0.125

$ 0.125 per ounce

…er: 500 square feet

answer: 15 students

$40.80

Explain what -3°F means. Use t… meaning of 0°F in your explanati…

Answers may vary but should indicat…

-3°F is 3 degrees below 0.

…taurant uses the expression …etermine the cost of …ve y pieces.

…roll cost with …

7 + 0.5(…

7 + 0.5(8)

7 + 4 = 11

answer: $11

What is the width of the pri…

$645\frac{3}{4} = (20\frac{1}{2})(5\frac{1}{4})(…$

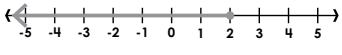
$\frac{645.75}{107.625} = \frac{107.4…}{…}$

answer: 6 inches

…ct. Use the model to help you.

$\frac{3}{4} - \frac{1}{2} = \frac{1}{4}$

The solution set for an inequality is represented on the number line.



Write an inequality, using the variable **x**, which describes the solution set represented on the number line.

x ≤ 2

Divide.

$$\begin{array}{r} 17.54 \\ 5\overline{)87.70} \\ -\ 5 \\ \hline 37 \\ -\ 35 \\ \hline 27 \\ -\ 25 \\ \hline 20 \\ -\ 20 \\ \hline 0 \end{array}$$

Dakari wants to buy a new game system that costs $449.99. He has $288 in the bank. If he earns $10.50 an hour pulling weeds, how many hours will Dakari have to work to earn the rest of the money he needs to buy the game system?

$449.99 - $288 = $161.99

161.99 ÷ 10.50 = 15.427 = 15.5

answer: 15.5 hours

Ramiya'h rides her bike at an average speed of 13 miles in 1 hour. Riding at this rate, how many feet does Ramiya'h ride in 1 minute?

5,280 × 13 = 68,640 feet in 13 miles in 60 minutes

68,640 ÷ 60 = 1,144

answer: 1,144 feet in 1 minute

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RB