Name: _____

Daily Math Practice

F

126

Math Buzz

Divide.

$529\overline{)4,232}$

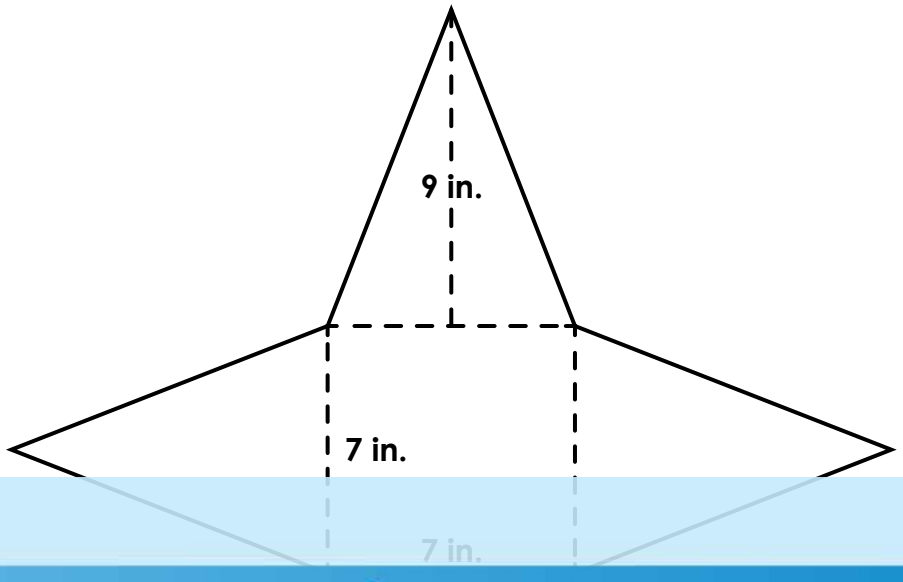
$47\overline{)1,786}$

-1 _____

0 _____

-(-2) _____

The net of a right square pyramid is shown.



What is the surface area, in square inches, of the square pyramid?

answer: _____

The number 4 is 16% of what number?

answer: _____

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Name: _____

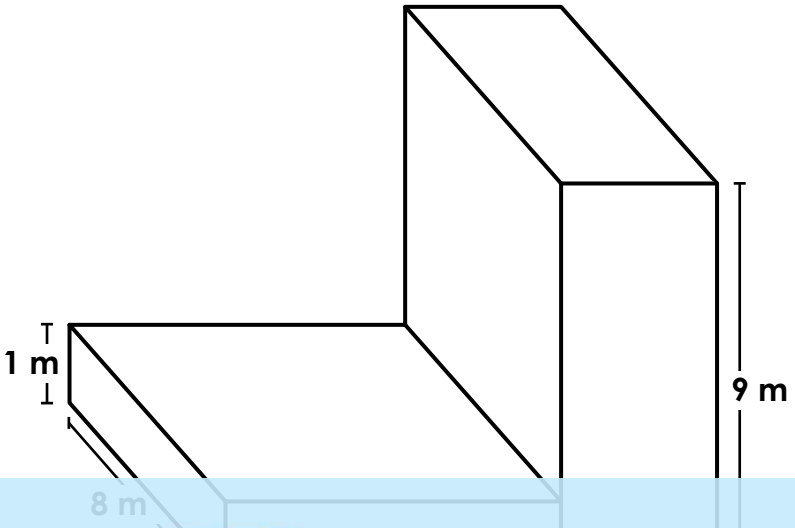
Daily Math Practice

F

127

Math Buzz

The figure is made up of two rectangular prisms.



d. (7)(4)(1) + (8)(9)(1)

Solve using the order of operations.

(10 × 7) + (10 − 6) = _____

2 + (5 × 3) = _____

49 ÷ 7 + 6 × 2 = _____

Super Teacher Worksheets

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c. (7)(8)(1) + (8)(4)(9)

answer: _____

Convert the temperature from degrees Celsius to degrees Fahrenheit, using the formula.

$$F = (\frac{9}{5} \times C) + 32$$

16°C = _____ °F



Name: _____

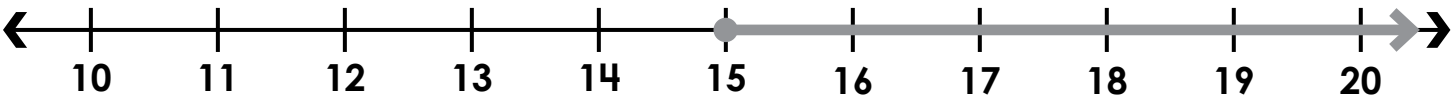
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F

128

Math Buzz

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



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

Find the area of the rectangle.

$\frac{1}{5}$m

answer: _____

A quadrilateral is drawn on a coordinate plane with the points *A*(-5,7), *B*(4,7), *C*(-5,3), and *D*(4,3). What is the length, in units, of side *CD*?

answer: _____

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answer: _____



Name: _____

Daily Math Practice

F

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Math Buzz



The dimensions of a cereal box in the shape of a right rectangular prism are shown below.

12 inches by 8 inches by $2\frac{1}{2}$ inches

What is the volume, in cubic inches, of the cereal box?

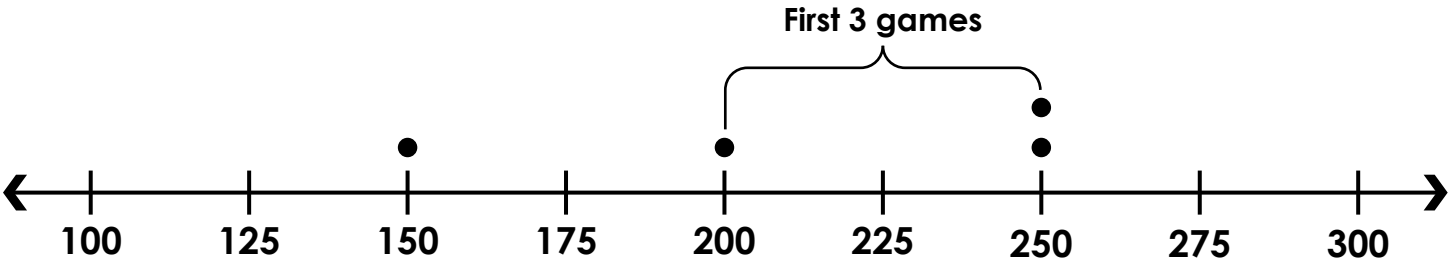
answer: _____

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Yan played 3 games of bowling. Her scores for those games had a mean of 233.3. Then, she played a final game with a score of 150. The dot plot below shows her scores.



How did the last game where Yan scored 150 change the mean? Use the term ***increase*** or ***decrease*** in your answer.

_____

_____

Name: _____

Daily Math Practice

F

130

Math Buzz

Grace is using a cookbook to make a recipe, but she doesn't have any measuring cups! She only has a tablespoon. There is a conversion chart in the back of the cookbook that says 1 cup equals 16 tablespoons.

How many tablespoons will Grace need to use for the following ingredients?

2 cups of sugar = _____

$\frac{1}{2}$ cup of brown sugar = _____

What is the least common multiple of **4** and **10**?

answer: _____

Zyair goes to the grocery store to buy some vegetables. The chart below shows the amount and the ***total*** price of each type of vegetable he buys.

Vegetable	Amount	Price
Carrots	2 pounds	$2.62
Potatoes	5 pounds	$3.65

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answer: _____

Subtract.

45.326 – 13.648 = _____

15.46 – 7.841 = _____

0.492 – 0.365 = _____

1.649 – 0.473 = _____



Math Buzz ANSWERS

Daily Math Practice
F
126-130

Divide.

$529\overline{)4{,}232}$ → 8, $-4\,232$, 0

$47\overline{)1{,}786}$ → 38, $-1\,41$, 376, -376, 0

What is the surface area, in square inches, of the square pyramid?

$A = lw = (7)(7) = 49$

$A = \frac{1}{2}bh = \frac{1}{2}(7)(9) = (31.5)$

$4 \times 31.5 = 126$

$49 + 126 = 175$

answer: 175 square inches

Write the numbers' opposites.

3 -3

-1 1

0 0

-(-2) -2

The number 4 is 16% of what number?

$\frac{4}{x} = \frac{16}{100}$

$16x = 400$

$\frac{16x}{16} = \frac{400}{16}$

$x = 25$

answer: 25

Select all the expressions that can be used to find the volume of the figure.

a. 56 cubic meters + 288 cubic meters

b. 63 cubic meters + 288 cubic meters

c. (7)(8)(1) + (8)(4)(9)

d. (7)(4)(1) + (8)(9)(1)

Solve using

2 + (5 17

+ 6 × 2 = 19

answer: $1.02

Convert the temperature from degrees Celsius to degrees Fahrenheit, using the formula.

$F = (\frac{9}{5} \times C) + 32$

$F = (\frac{9}{5} \times 16) + 32$

$F = 28.8 + 32$

$F = 60.8$

60.8 °F

answer: 15 square meters

answer: 9 units

The dimensions of a cereal box the shape of a right rectangular prism are shown below.

12 inches by 8 inches by $2\frac{1}{2}$ inches

What is the volume, in cubic inches, of the cereal box?

$V = lwh = (12)(8)(2\frac{1}{2}) = 240$

answer: 240 cubic inches

, or = symbol to complete ility to make the

|-4|

Place a decimal on the ri the equal sign to make true.

2 47

d the last game where Yan d 150 change the mean? Use term *increase* or *decrease* in our answer.

Answers may vary but should indicate her score of 150 caused the mean to decrease.

How many tablespoons will Grace need to use for the following ingredients?

2 cups of sugar = 32 tablespoons

$\frac{1}{2}$ cup of brown sugar = 8 tablespoons

$1\frac{1}{4}$ cup of flour = 20 tablespoons

What is the least common multiple of 4 and 10?

4: 4, 8, 12, 16, 20, 24

10: 10, 20, 30

answer: 20

Vegetable	Amount	Price
Carrots	2 pounds	$2.62
Potatoes	5 pounds	$3.65
Cabbage	2 pounds	$4.74
Onions	3 pounds	$3.66

Which vegetable cost $0.73 per pound?

answer: potatoes

Subtract.

45.326 – 13.648 = 31.678

15.46 – 7.841 = 7.619

0.492 – 0.365 = 0.127

1.649 – 0.473 = 1.176

RB

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