Name: _____

Daily Math Practice

F

146

Math Buzz

Find the mean for the following students' social studies test scores. Round your answer to the nearest tenth.

78, 85, 100, 45, 67, 80, 96, 72, 79, 85, 91, 100, 0, 65, 88, 95, 32, 96, 81

answer: _____

Jelier's aquarium is filled with 3,000 cubic inches of water. The base of the aquarium is 20 inches long and 15 inches wide. What is the height of the water in Jelier's aquarium?

answer: _____



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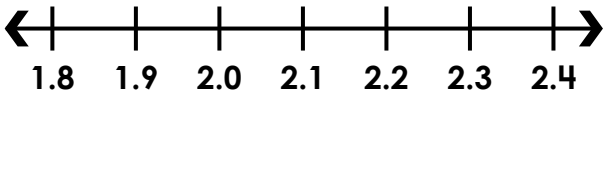
The Ice Cream Shoppe offers a

Part B: Graph the solution set for the inequality you wrote.





Use the fraction bars to help you complete the sentence.

1

$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$

$\frac{1}{4} \div 2 =$ _____ because _____ $\times 2 = \frac{1}{4}$.

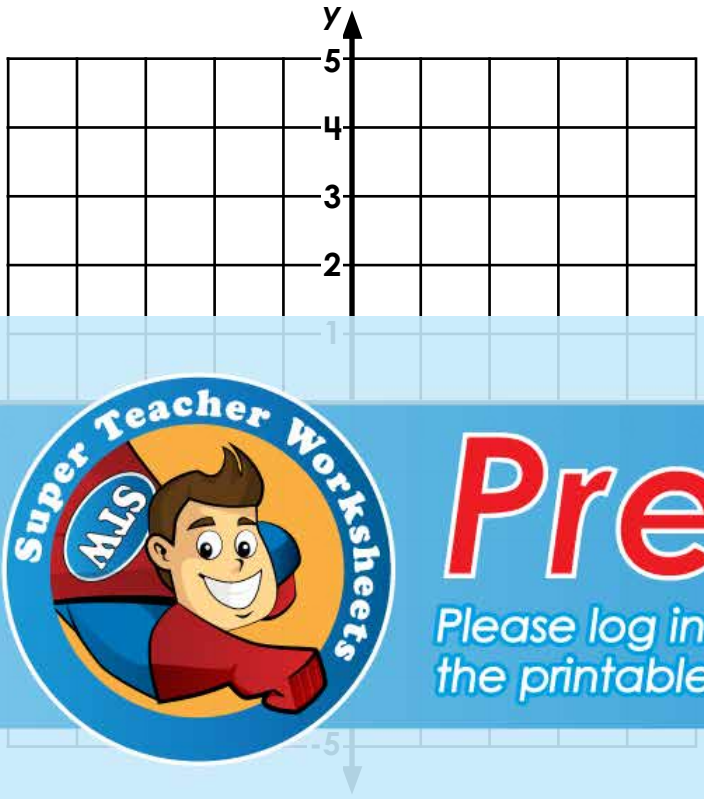
Name: _____

Daily Math Practice
F
147

Math Buzz

Plot the following points on the coordinate plane and connect the points in the order they are listed. Then identify the name of the polygon.

(2,4), (4,2), (4,-2), (2,-4), (-2,-4), (-4,-2), (-4,2), (-2,4)



answer: _____

What is the value of the expression $x^2 + 5y - 9$ when $x = 5$ and $y = 3$?

answer: _____

Multiply.

$$\begin{array}{r} 268 \\ \times\ 34 \\ \hline \end{array}$$

The list below shows the cost of the same sport socks at two different

lower unit rate? Explain how you solved.

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Name: _____

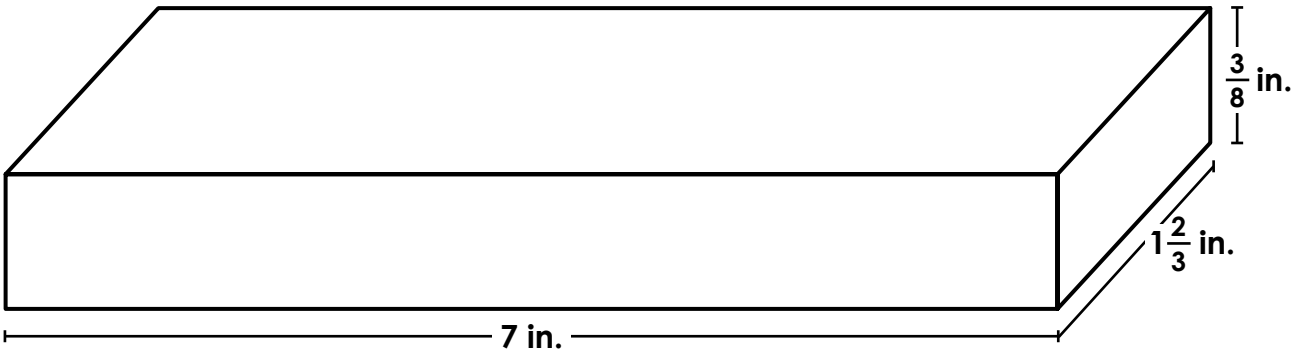
Daily Math Practice

F

148

Math Buzz

A diagram of a right rectangular prism is shown.



What is the volume, in cubic inches, of the right rectangular prism?
Write your answer as a decimal.

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- Hope loses [illegible] points
- Jeff gains 50 points
- Nature loses 75 points

Whose change in points has the greatest effect on their score?

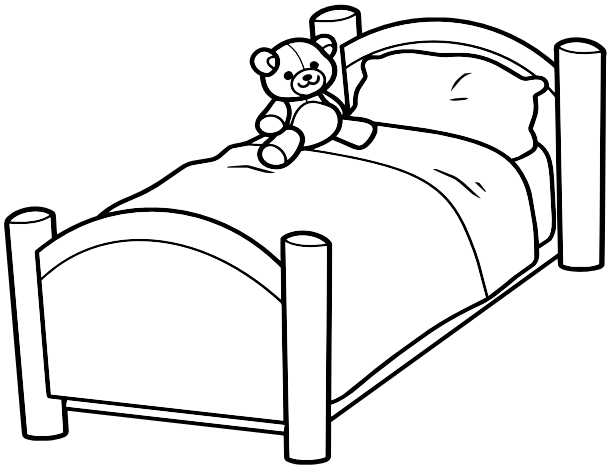
_____

answer: _____

Factor the expression 24 + 44 using the form a(b + c) two different ways.

_____

_____



Name: _____

Daily Math Practice

F

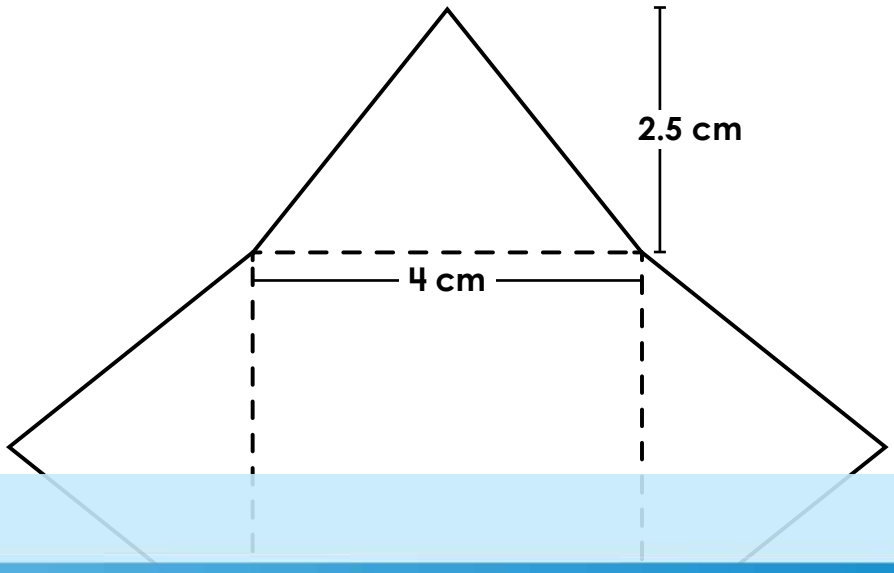
149

Math Buzz

Divide. Round to the nearest thousandth.

$$24\overline{)65{,}900}$$

The net of a right square pyramid is shown.



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

answer: _____

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Part A: How much money did Hazel spend?

_____

Part B: How much money does Hazel have left?

_____

Place parentheses in the expressions to make them equivalent to 50.

$25 \times 2 + 9 \times 0$

$7 \times 4 + 3 + 1$

Name: _____

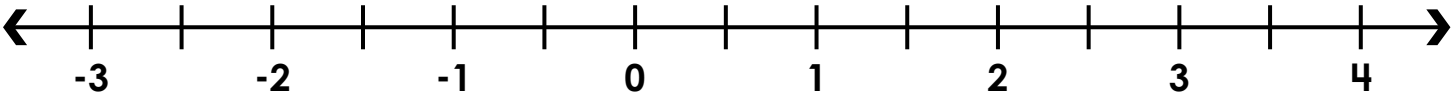
Daily Math Practice

F

150

Math Buzz

Graph $-1\frac{1}{2}$, -3, $2\frac{1}{2}$, 4 on the number line.



Choose two numbers from the box to complete the subtraction equation.

0.7	0.4	0.9	0.2

_____ − _____ = 0.7

Mrs. Aung has 8 students in chorus in her class. These students represent 32% of the total number of students in her class. What is the total number of students in her class?

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1 mile is about equal to 0.6 kilometers.

With this conversion rate, is the speed limit on the sign **greater than** or **less than** 65 mph?

_____



Math Buzz ANSWERS

Daily Math Practice
F
146-150

Find the mean for the following students' social studies test scores. Round your answer to the nearest tenth.

78, 85, 100, 45, 67, 80, 96, 72, 79, 85, 91, 100, 0, 65, 88, 95, 32, 96, 81

78 + 85 + 100 + 45 + 67 + 80 + 96 + 72 + 79 + 85 + 91 + 100 + 0 + 65 + 88 + 95 + 32 + 96 + 81 = 1,435

1,435 ÷ 19 = 75.5

answer: 75.5

Jelier's aquarium is filled with 3,000 cubic inches of water. The base of the aquarium is 20 inches long and 15 inches wide. What is the height of the water in Jelier's aquarium?

20 × 15 = 300
3,000 ÷ 300 = 10

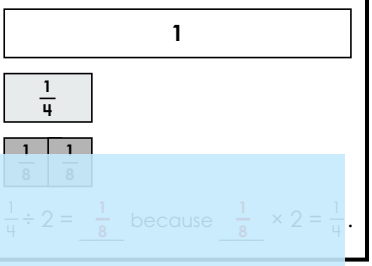
answer: 10 inches

Part A: Write an inequality that describes **w**, the weight of the special sundae, in kilograms.

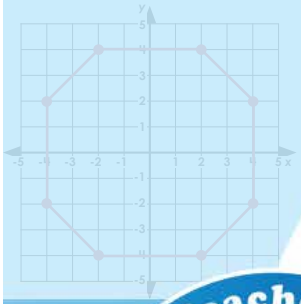
w > 2.1

Part B: Graph the solution set for the inequality you wrote.

Use the fraction bars to help you complete the sentence.



$\frac{1}{4} \div 2 = \frac{1}{8}$ because $\frac{1}{8} \times 2 = \frac{1}{4}$.



Multiply.

9,112

What is the value of the expression $x^2 + 5y - 9$ when $x = 5$ and $y = 3$?

$5^2 + 5(3) - 9 =$
$25 + 15 - 9 = 31$

31

answer: 4.375 cu

Nature

answer: 3.7 meters

Divide. Round to the nearest thousa

$24\overline{)65,900}$ → 2,745.833

surface area, in square of the pyramid?

16

Hazel has $10.63. She buys drink for $1.49 and a ba for $0.48.

Part A: How

parentheses in the expressions ake them equivalent to 50.

25 × 2 + (9 × 0)

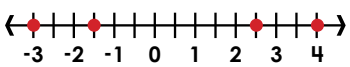
7 × (4 + 3) + 1

does

$8.66

answer: 36 square centimeters

Graph $-1\frac{1}{2}$, -3, $2\frac{1}{2}$, 4 on the number line.



Choose two numbers from the box to complete the subtraction equation.

0.7	0.4	0.9	0.2

0.9 − 0.2 = 0.7

Mrs. Aung has 8 students in chorus in her class. These students represent 32% of the total number of students in her class. What is the total number of students in her class?

$\frac{\%}{100} = \frac{\text{part}}{\text{whole}}$ $\frac{32}{100} = \frac{8}{x}$ $\frac{32x}{32} = \frac{800}{32} = 25$

answer: 25 students

1 mile is about equal to 0.6 kilometers.

With this conversion rate, is the speed limit on the sign **greater than** or **less than** 65 mph?

100 × 0.6 = 60 mph

less than

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RB