MOMENTUM MATH LEVEL G



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POSITIVE AND NEGATIVE NUMBERS

Today's Destination What is a negative number?





Vocabulary — -

Integers The set of whole numbers and their opposites

Negative Number A number that is less than zero

Plot To draw a dot at a certain point on a number line or graph

Positive Number A number that is greater than zero



Problem of the Day —





How much money has Matt spent? _____

SIDE TRIPS

Stan says, "A number line is like an elevator. All the floors below ground are negative numbers, and all the floors above ground are positive numbers."

Draw a diagram to illustrate Stan's comparison.



Which fraction below is closest to zero?

$$\frac{1}{5}$$
, $-\frac{1}{9}$, $-\frac{2}{3}$, $\frac{1}{8}$

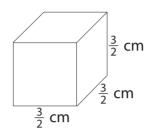
Write It!

Explain your reasoning.

Explain It!

SIDE TRIPS

1) Chris wants to find the volume of the cube below. He knows that he needs to multiply the length times the width times the height.



Show Chris how to write an expression with an exponent to solve this problem. Then find the answer as a mixed number.

Write It!

Compute It!

2) Geraldo made a mistake in the work below.



Explain Geraldo's mistake.

Explain It!

Solve the problem correctly.

Compute It!