

THE

Big
Ten

Standards

Day 1	Division & Operations with Decimals
Day 2	Distributive Property and Expressions
Day 3	Equations and Area
Day 4	Statistics and Surface Area and Volume
Day 5	Unit Conversions and Division of Fractions

Oct 19-10:10 AM

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Standards

I can divide multi-digit numbers.

Day 1
Find the Quotient

The 11 elephants at the circus eat a total of 1,650 pounds of food per day.

How much food does one elephant eat each day?


Oct 19-10:12 AM

I can add, subtract, multiply, and divide decimal numbers.

Evaluate the following.

Chris saved \$153.50 to purchase holiday gifts for his family. He spent \$ 50 on a gift for his parents, \$17.75 on a gift for his brother, and \$18.50 on a gift for EACH of his 3 sisters.

How much money does he have left after making the purchases?



Oct 19-10:23 AM

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I can evaluate, write, and find equal expressions.

Day 2

Lynn needs to translate the description below into a Math expression.

Eight more than the quotient when six times a number n is divided by 7

Which expression is a correct translation of the description?

- A. $6n + (8 \div 7)$
- B. $(6n \times 7) + 8$
- C. $(6n + 8) \div 7$
- D. $(6n \div 7) + 8$

Oct 19-10:23 AM

I can use the distributive property to write equal expressions.

Look at the expression below.

$5(2x + 4x) - 2$

Which of the following expressions is equivalent to this expression?

- A. $28x$
- B. $30x - 10$
- C. $30x - 2$
- D. $6x - 2$

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I can write and solve one step equations.

Day 3

Select all equations that have $x = 3$ as a solution.

$x + 7 = 10$

$x \cdot 3 = 1$

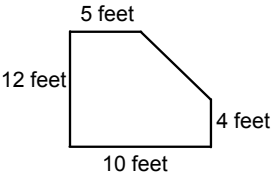
$3 + x = 3$

$4 \cdot x = 12$

Oct 19-10:23 AM

I can find the area of complex figures.

Tim is buying carpet to cover the area of the floor shown below.



How many square feet of carpet must he buy?

- A. 40 square feet
- B. 80 square feet
- C. 100 square feet
- D. 120 square feet

Oct 19-10:23 AM

THE Big Ten Standards I can find the mean, median, mode, and range given a set of numbers.

Day 4

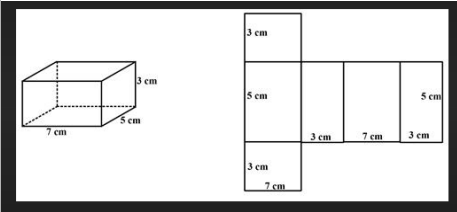
Find the mean, median, mode, and range of the following set of numbers. Also list any outliers or extremes.

2, 2, 4, 5, 6, 6, 6, 8, 10, 10, 12, 15, 17, 39, 45

Oct 19-10:23 AM

I can find the surface area of 3D figures

Find the surface area using the net for this rectangular prism.



Oct 19-10:23 AM

THE Big Ten Standards I can convert units of measurement.

Day 5

You are traveling at a rate of 150 yds in 10 seconds.

How many feet would you travel in 2 minutes?

Oct 19-10:23 AM

I can divide Fractions and Mixed Numbers.

A recipe requires $\frac{3}{4}$ cup of nuts for 1 cake.

Enter the maximum number of cakes that can be made using $7\frac{1}{2}$ cups of nuts.

Oct 19-10:28 AM

Blank area for student response.

Oct 16-11:58 AM