

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 Volume and Surface Area

Day 5 Unit Conversions and Operations with Fractions

Oct 19-10:10 AM

THE  
Big  
Ten  
*Standards*

I can divide multi-digit numbers.

**Day 1**

What is the Quotient of these two numbers?

$$16,536 \div 24$$

Oct 19-10:12 AM

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

Evaluate the following.

Ben is an electrician. He is making a repair and must remove 0.635 cm of plastic insulation from each end of a wire that measures 15.8 cm.

How much of the wire will remain covered in plastic insulation?

Oct 19-10:23 AM

THE  
Big  
Ten  
*Standards*

I can write, evaluate, and find equal expressions.

**Day 2**

Mrs. Carter sells fruit salad at her deli. For each cup of fruit salad, she uses 5 strawberries and for each bowl, she uses 10 strawberries.

Which expression shows the total number of strawberries that Mrs. Carter will need to make c cups and b bowls of fruit salad?

A.  $5c + 10b$

B.  $10c + 5b$

C.  $15c + 15b$

D.  $15cb$

Evaluate for  $b=5$   
and  $c=3$

Oct 19-10:23 AM

I can use the distributive property to find equal expressions.

Which of the following expressions is equivalent to this expression?

$$2(7x+3) - 8x - 3$$

A.  $26x$

B.  $20x + 5$

C.  $16x - 3$

D.  $6x + 3$

Oct 19-10:23 AM

THE  
Big  
Ten  
*Standards*

I can write and solve one step equations.

**Day 3**

Select two of the equations that have  $x = 8$  as a solution.

$3 \cdot x = 24$

$0 = x + 8$

$21 + x = 28$

$56 = 7 \cdot x$

Oct 19-10:23 AM

I can find the area of complex figures.

The shape below is made by combining two rectangles with a triangle. Find the area of this figure.

Oct 19-10:23 AM

**THE Big Ten Standards** Day 4

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

Mr. May put the scores from the last Math quiz into the dot plot shown below.

What is the mean of the set of quiz scores?

A. 5.5  
B. 7.5  
C. 8  
D. 8 and 10

Oct 19-10:23 AM

I can find the surface area of 3D objects.

Find the surface area of the following net.

Oct 19-10:23 AM

**THE Big Ten Standards** Day 5

I can convert units of measurement.

A horse is traveling 500 yds in 2 minutes. How many feet in 10 seconds?

Oct 19-10:23 AM

I can divide fractions and mixed numbers.

A piece of ribbon that is  $\frac{2}{3}$  of a yard long is to be cut into  $\frac{1}{12}$  yard pieces.

How many pieces will there be?

A. 1  
B. 6  
C. 8  
D. 11

Oct 19-10:28 AM

(This area is blank)

Oct 16-9:12 AM