

**THE Big Ten Standards**

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

Oct 19-10:10 AM

**THE Big Ten Standards** Day 1

I can divide multi-digit numbers.

What is the Quotient of these two numbers?

$$999 \div 27$$

Oct 19-10:12 AM

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

Evaluate the following.

$$12.351 \div 0.03$$

Oct 19-10:23 AM

**THE Big Ten Standards** Day 2

I can write, evaluate, and find equal expressions.

An ice cream shop charges \$1.25 per scoop of ice cream plus an additional \$0.75 per topping

Which expression can be used to find the total cost of  $s$  scoops of ice cream with  $t$  toppings?

A.  $s + t$   
 B.  $\$1.25s + \$0.75t$   
 C.  $(\$1.25 + s) \times (\$0.75 + t)$   
 D.  $\$2.00(s+t)$

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I can use the distributive property to find equal expressions.

Use the Distributive Property to rewrite the following expression.

$$7x + 3(3x + 2y) - 3x + 4y$$

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**THE Big Ten Standards** Day 3

I can solve and write one step equations.

Solve the following equation.

Mr. Baxter had a fundraiser that 110 people attended. He seated the same number of people at each of 22 tables.

Use the following equation to find  $n$ , the number of people at each table.

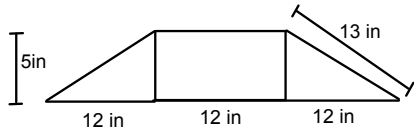
$$22n = 110$$

A.  $n = 2,420$   
 B.  $n = 10$   
 C.  $n = 6$   
 D.  $n = 5$

Oct 19-10:23 AM

I can find the area of complex figures.

Ben created a trapezoid by joining 2 right triangles with a rectangle. What is the area of the trapezoid?



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

Day 4

Regina recorded the number of hours each of her friends spent watching television last week.

12, 13, 15, 4, 17, 19, 18, 16, 17, 14

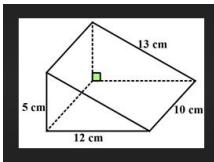
If Regina removes the outlier from her list, which of the following will not change?

- A. Mean
- B. Median
- C. Mode
- D. Range

Oct 19-10:23 AM

I can find the surface area of 3D figures made of rectangles and triangles.

Find the surface area of the triangular prism.



Oct 19-10:23 AM



I can convert units of measurement.

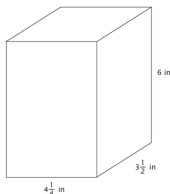
Day 5

Convert 2.75 miles to feet

Oct 19-10:23 AM

I can divide fractions and mixed numbers.

2. The dimensions of a jumbo size juice box are shown below:



What is the volume of the juice box?

- $89 \frac{1}{4} \text{ in}^3$
- $72 \text{ in}^3$
- $94 \frac{1}{2} \text{ in}^3$
- $189 \text{ in}^3$

Oct 19-10:28 AM

Dec 8-8:14 AM