

THE

Big
Ten

Standards

Day 1	Division & Operations with Decimals
Day 2	Expressions and the 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

I can divide multi-digit numbers.

Day 1

What is the Quotient of these two numbers?

What is the quotient of 8211 and 23?

Oct 19-10:12 AM

I can add, subtract, multiply, and divide decimals.

Evaluate the following.

$15 - 2.3 \times 0.25$

Oct 19-10:23 AM

THE

Big
Ten

Standards

I can write, evaluate, and find equal expressions.

Day 2

Evaluate the following expression.


$(9 + 1)^2 - 1^{99} + 9999^0$

Oct 19-10:23 AM

I can use the distributive property to write equal expressions.

Rewrite the following expression in simplest form.

$3x + 5x(5 - 2) - 2x + 3x^2$



Oct 19-10:23 AM

THE

Big
Ten

Standards

I can write and solve one step equations.

Day 3

WRITE and solve the following equation.

Paul is 2.7 pounds heavier than Elizabeth. Paul weighs 132.4 pounds. How much does Elizabeth weigh?

Oct 19-10:23 AM

I can find the area of complex figures.

Find the area of this figure.

Oct 19-10:23 AM

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

THE Big Ten Standards Day 4

Find the mean, median, mode, and range of the following set of numbers.

stem	leaf
9	0 4
8	3 4 5 7 9
7	0 2 2 9
6	5 8 9
5	3

Oct 19-10:23 AM

I can find the surface area and volume of rectangular prisms.

10. **Part 1**

A refrigerator is shaped like a rectangular prism. The length is 27 inches, the width is 24 inches, and the height is 38 inches.

What is the surface area of the refrigerator?

square inches

Enter a number like 2,500.

Part 2

Determine whether each statement is true or false.

Statement	True	False
If the dimensions of the rectangular prism are increased 4 times, the surface area will increase 8 times.	<input type="radio"/>	<input type="radio"/>
If the length of each edge of the prism is cut by $\frac{1}{3}$, the surface area will be $\frac{1}{3}$ of the original surface area.	<input type="radio"/>	<input type="radio"/>
If the dimensions of the rectangular prism are doubled, the surface area will increase 4 times.	<input type="radio"/>	<input type="radio"/>
If the dimensions are cut by a half, the surface area will be $\frac{1}{4}$ of the original surface area.	<input type="radio"/>	<input type="radio"/>

Oct 19-10:23 AM

I can convert units of measurement.

THE Big Ten Standards Day 5

$\frac{180 \text{ meters}}{6 \text{ minutes}}$ How many cm in 15 seconds?

Oct 19-10:23 AM

I can add, subtract, multiply and divide fractions and mixed numbers.

78. The interior dimensions of a box of cubes are $3\frac{1}{2}$ inches for length, $1\frac{1}{2}$ inches for width, and $7\frac{1}{4}$ inches for height.

How many cubes measuring $\frac{1}{4}$ inch on all sides can be packed into the box with no overlaps or gaps?

Oct 19-10:28 AM

(Empty box)

Apr 17-8:28 AM