

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

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I can divide multi-digit numbers.

Day 1

What is the Quotient of these two numbers?


There are 15,768 skittles shared evenly among you and 35 friends. How many skittles do each of you get?

Oct 19-10:12 AM

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

Evaluate the following.

Your beginning balance in your check book was \$567.89. You made deposits of \$55.98, \$34.45, and \$232. You also wrote checks out for \$15 and \$34.98. What is your check book balance?



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I can write, evaluate, and find equal expressions.

Day 2

This is Division!

Evaluate the following expression?


**$34 - 600 \div 60 + (3 - 1)^2 + 6 \times 2$**

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I can use the distributive property to write equal expressions.

Simplify the following expression.

**$3x - 4y + 2(3x - 3) + 8 + 6y$**



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I can write and solve one step equations.

Day 3

Write and Solve the following equation.

You pay for the refreshments at a movie theater with a \$10 bill. The refreshments cost \$5.73. Write an equation to find how much change you should receive. Solve the equation.

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I can find the area of complex figures

Find the area of this figure.

12 cm

6 cm

18 cm

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Day 4

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

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

mean  
median  
mode

range

1, 2, 2, 3, 4, 4, 5, 5, 6, 9

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

Find the surface area.

2 cm

2.5 cm

1.5 cm

4 cm

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**THE Big Ten Standards**  
Day 5

I can convert units of measurement

Convert 6.7 miles to feet

Feb 16-10:36 AM

**THE Big Ten Standards**  
Day 5

I can find the volume of rectangular prisms.

**Example 2**

A  $\frac{1}{4}$  in. cube is used to fill the prism.

How many  $\frac{1}{4}$  in. cubes will it take to fill the prism?

What is the volume of the prism?

How is the number of cubes related to the volume?

$1\frac{1}{2}$  in.

1 in.

$3\frac{3}{4}$  in.

Oct 19-10:23 AM

I can divide fractions and mixed numbers.

Divide the following fractions

You must cover a wall  $72\frac{3}{8}$  inches wide with wood panels. If each wood panel is  $5\frac{5}{8}$  inches wide, about how many panels will you need?

Oct 19-10:28 AM



Apr 21-1:18 PM