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
Day 5	Volume and Division of 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?

There are 10,678 cards that need to be put in 19 equal piles. How many cards will be in each pile?

Oct 19-10:12 AM

I can add, subtract, mulply, and divide.

Evaluate the following.

4. Jeremy had $15.75. He bought a sandwich for $6.35 and a soda for $1.70. How much money should he have left?

A. $6.70

B. $6.80

C. $7.70

D. $7.80

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THE Big Ten Standards

I can write, evaluate, and find equivalent expressions.

Day 2

30. 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. $(6n \div 7) + 8$

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I can use the distribuve property to write equal expressions.

20. Which expression is equivalent to $9(x + 3x) - 1$?

A. $11x$

B. $12x - 9$

C. $36x - 9$

D. $36x - 1$

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THE Big Ten Standards

I can write and solve one step equaons.

Day 3

21. Gina is a baker. She uses the table below for her favorite pie recipe. The table shows the number of servings that can be made based on the number of pounds of apples.

Which equation can be used to find s, the number of servings that can be made with p pounds of apples?

A. $s = p \div 8$

B. $s = p \div 3$

C. $s = 8p \div 3$

D. $s = 3p \div 8$

Number of Pounds (p)	Number of Servings (s)
3	8
6	16
9	24
12	32
15	40

Oct 19-10:23 AM

I can find the area of complex figures.

34. Look at the net for a rectangular prism below.

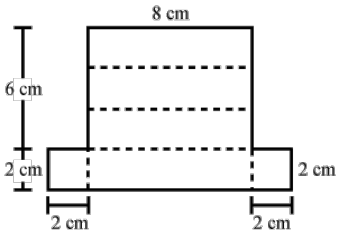
What is the surface area of the rectangular prism that this net folds to form?

A. 48 square centimeters

B. 64 square centimeters

C. 72 square centimeters

D. 96 square centimeters



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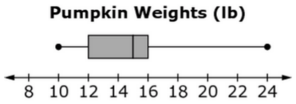
I can find the mean, median, mode, and range given a set of numbers.

THE Big Ten Standards

Day 4

Look at the box-and-whisker plot of pumpkin weights.



What is the **median** pumpkin weight?

(a) 12 lb

(b) 14 lb

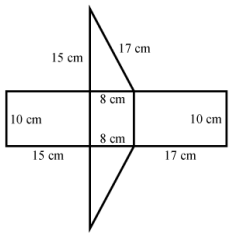
(c) 15 lb

(d) 16 lb

Oct 19-10:23 AM

I can find the surface area of 3 dimensional figures.

33. Look at the net for a triangular prism below.



Use the net to find the surface area of the triangular prism.

$Area_{rectangle} = length \times width$

$Area_{triangle} = \frac{1}{2} base \times height$

A. 460 square centimeters

B. 536 square centimeters

C. 520 square centimeters

D. 640 square centimeters

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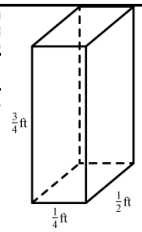

How many cubes that measure $\frac{1}{4}$ foot on each side will fit into the box, and what is the volume of each of those cubes?

A. 3 cubes each with a volume of $\frac{1}{16}$ cubic foot

B. 4 cubes each with a volume of $\frac{1}{16}$ cubic foot

C. 5 cubes each with a volume of $\frac{1}{64}$ cubic foot

D. 6 cubes each with a volume of $\frac{1}{64}$ cubic foot

Oct 19-10:23 AM

I can divide fractions and mixed numbers.

28. John works in an ice cream shop. A container of fudge topping holds 52 1/2 ounces. John uses 1 3/4 ounces of fudge topping on each sundae he makes. How many sundaes can John make with one container of fudge topping?

A. 39

B. 36

C. 33

D. 30

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Jan 18-5:21 PM