

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 of Fractions

Oct 19-10:10 AM

THE Big Ten Standards

I can divide multi-digit numbers.

Day 1

10. A dentist's office orders 1,350 appointment reminder cards. The company that prints the cards ships them in boxes. Each box can fit 55 cards.

What statement correctly shows the number of cards and boxes ?

- 24 boxes of 55 cards
- 24 boxes of 55 cards and one box with only 30 cards
- 27 boxes of 55 cards and one box with only 17 cards
- 27 boxes of 55 cards and one box with only 18 cards

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I can add, subtract, multiply, and divide decimals

Evaluate the following.

$$4.14 \div 4.5$$



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I can write evaluate and find equal expressions

Day 2

Evaluate the following expression?

$$15 - 81 \div 9 + 5^2 \times 3$$

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I can use the distributive property to write equal expressions.

Use the distributive property to rewrite the expression:

$$6(3x - 4)$$



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I can write and solve one step equations.

Day 3

Solve the following equation.

$$15x = 345$$

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I can find the area of complex figures.

31. Ben created a trapezoid by joining 2 right triangles with a rectangle.

What is the area of the trapezoid?

$$A_{\text{triangle}} = \frac{1}{2}bh$$

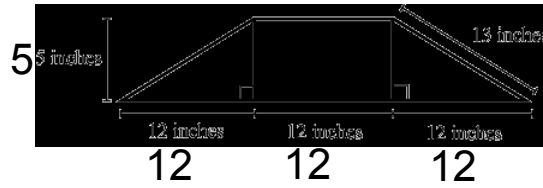
$$A_{\text{rectangle}} = lw$$

A. 54 square inches

B. 74 square inches

C. 90 square inches

D. 120 square inches



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

Day 4

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

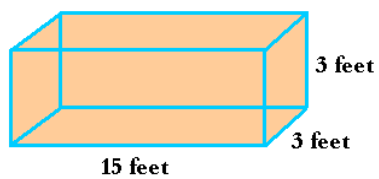
50, 25, 45, 45, 20, 25, 40, 20, 55

(You may use a calculator to find the mean)

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I can find the surface area and volume of a rectangular prism.

Find the surface area and volume of the following shape



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I can convert units of measurement.

Day 5

Convert 58.75 ft to inches

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

Subtract the following mixed numbers.

$$6\frac{1}{3} - 3\frac{3}{4}$$

Oct 19-10:28 AM

Oct 3-10:10 AM