

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

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Standards

I can divide multi-digit numbers.

**Day 1**

What is the Quotient of these two numbers?


There were 17,572 duck calls in 23 boxes. How many duck calls were in each box?

Oct 19-10:12 AM

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

Find the average(mean) time it took each to finish the race.

Name	sec
Timmy	9.9
Tommy	10.23
John	12
George	11.375
Superman	6.495



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Standards

I can write, evaluate, and find equal expressions.

**Day 2**

Write the following expression.

" 5 more than the product of 3 and a number b"

Evaluate if  $x = 2$

$x^3 + 7x - 7 \cdot 3 - 5$

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I can use the distributive property to write equal expressions.

For numbers 1a–1c, select Yes or No to indicate whether the pairs are equivalent expressions.

1a. Are  $4(3x - y)$  and  $12x - 4y$  equivalent expressions?  
Yes No

1b. Are  $32 + 16y$  and  $8(4 + 2y)$  equivalent expressions?  
Yes No

1c. Are  $3(x + 2y)$  and  $3x + 2y$  equivalent expressions?  
Yes No



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**Day 3**

25. Anderson is selling bracelets for a fundraiser. The table below shows the profit for his charity,  $p$ , depending on  $n$ , the number of bracelets sold. Which equation shows the relationship between  $p$  and  $n$  shown in this table?

A.  $p = \$0.75n$

B.  $p = n - \$0.50$

C.  $p = \$1.50n + 2$

D.  $p = \$2.00n$

Profit Depending on Number of Bracelets Sold	
Number of Bracelets Sold, $n$	Profit, $p$
2	\$1.50
4	\$3.00
6	\$4.50
8	\$6.00
10	\$7.50

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I can find the area of complex figures.

Find the area of this figure.

Mr. May is fixing his sisters bathroom at the lake. He needs to buy new flooring for the bathroom. How much square feet of flooring does he need to buy? Help Mr. May by finding the area of the bathroom.

35 in

54 in

18 in

26 in

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

**THE Big Day 4**

13. Jeanine was given a set of data to create a box plot. The data set had a range of 75, a lower quartile of 40, an upper quartile of 75, and a median of 55.

Which box plot correctly represents the data?

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

Find the Surface Area and Volume.

3 mm

9 mm

14 mm

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I can convert units of measurement.

**THE Big Day 5**

Standards

1 mile = 5280 feet

Convert 5.6 miles to feet

Oct 19-10:23 AM

I can divide fractions and mixed numbers.

Find the value of x.

$$\square \div \frac{2}{3} = \frac{3}{4}$$

Oct 19-10:28 AM

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Mar 24-1:20 PM