I can divide multi-digit numbers.

What is the Quotient of these two numbers?

Day 1

There were 17,572 duck calls in 23 boxes.

How many duck calls were in each box?

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

Find the average(mean) time of the group of runners from their last race.

name	time
John	9.9
Paul	10.23
George	12
Ringo	11.375
The Hulk	6.495

9:00:00

THE Big 12 Ten *Standards*

Day 2

I can write, evaluate, and find equal expressions.

Evaluate for $x = 2$

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

Write the following expression.

5 more than the

product of 3 and a number (b)

I can use the distributive property to write equal expressions.

Indicate whether the expressions are **equal or not**.

$3(x + 2y)$ $3x + 2y$

Yes or No

$4(3x - y)$ $12x - 4y$

Yes or No

$32 + 16y$ $8(4 + 2y)$

Yes or No

0:00:59

THE Big Ten Standards

Day 3

April is selling bracelets for a fundraiser. The table below shows the profit (p) for her charity depending on the number (n) of bracelets sold.

Which equation shows the relationship between p and n?

A. $p = \$0.75n$

B. $p = n - \$0.50$

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

D. $p = \$2.00n$

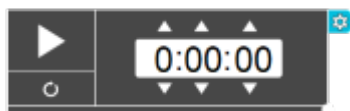| Number of Bracelets Sold, n	Profit, p
2	$1.50
4	$3.00
6	$4.50
8	$6.00
10	$7.50

I can find the area of complex figures.

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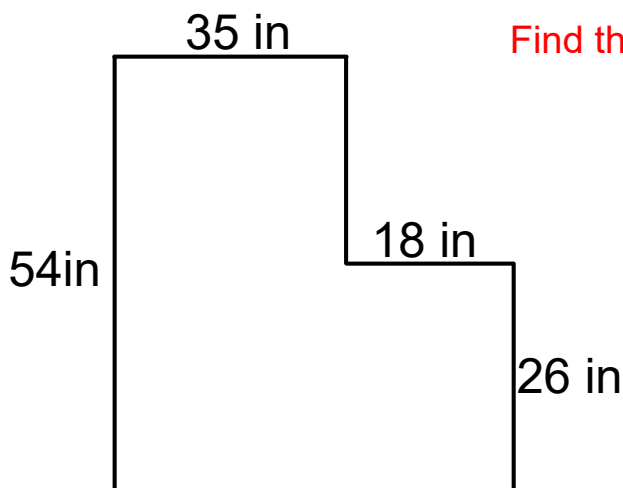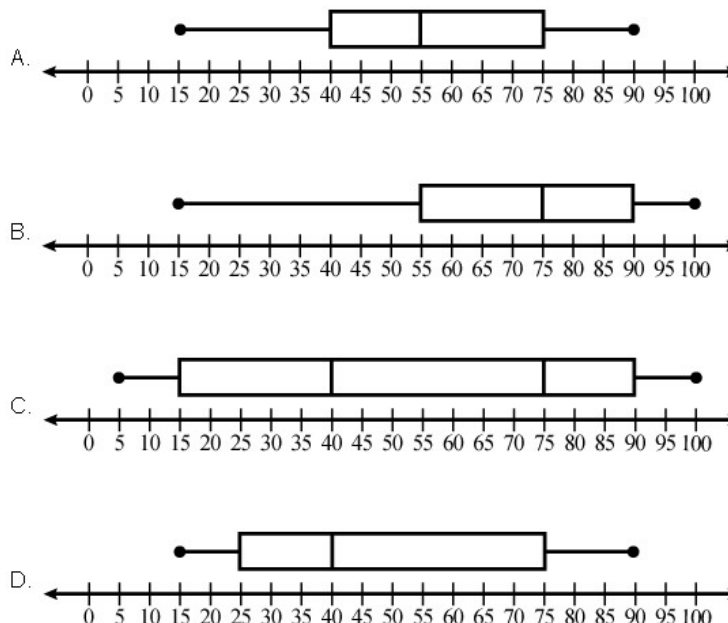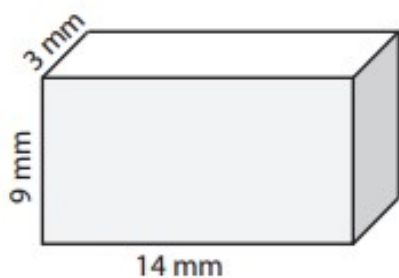
Find the area of this figure.

35 in

54in

18 in

26 in

0:00:00

THE **Big Ten** *Standards*

Day 4

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

Which box plot correctly represents the data: range 75, lower quartile 40, upper quartile 75, & median 55?

A.

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100

B.

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100

C.

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100

D.

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100

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

3 mm

9 mm

14 mm

Find the Surface Area:

Find the Volume:

I can convert units of measurement.

Convert 5.6 miles to feet

Day 5

1 mile = 5280 feet

I can divide fractions and mixed numbers.

Find the value of x.

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