

Name \_\_\_\_\_

Concept Review (15) 1/15/20

**8.EE.7**

Solve the equation for n.

$$6n - 3(4n + 12) = 24$$

Rating

□

**8.SP.4**

	Wearing Blue	Not Wearing Blue	Total
Blue Eyes			
Not Blue Eyes			
Total			

Find the **probability** of each event.

P(blue eyed person wearing blue) \_\_\_\_\_

P(someone not wearing blue having blue eyes) \_\_\_\_\_

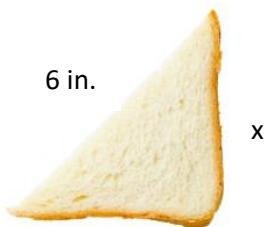
P(of a student without blue eyes) \_\_\_\_\_

Rating

□

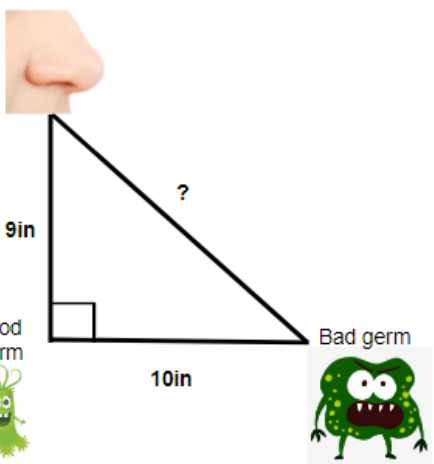
**8.G.7**

Find the **length** of the missing side.



Rating

□



**8.NS.1**

Label each number as rational or irrational.

-4.2                      R / I

$-11\frac{17}{23}$                       R / I

$17.\overline{4}$                       R / I

$\sqrt{196}$                       R / I

Rating

□

Define rational - \_\_\_\_\_

\_\_\_\_\_

**8.EE.6**

**Graph** each line.

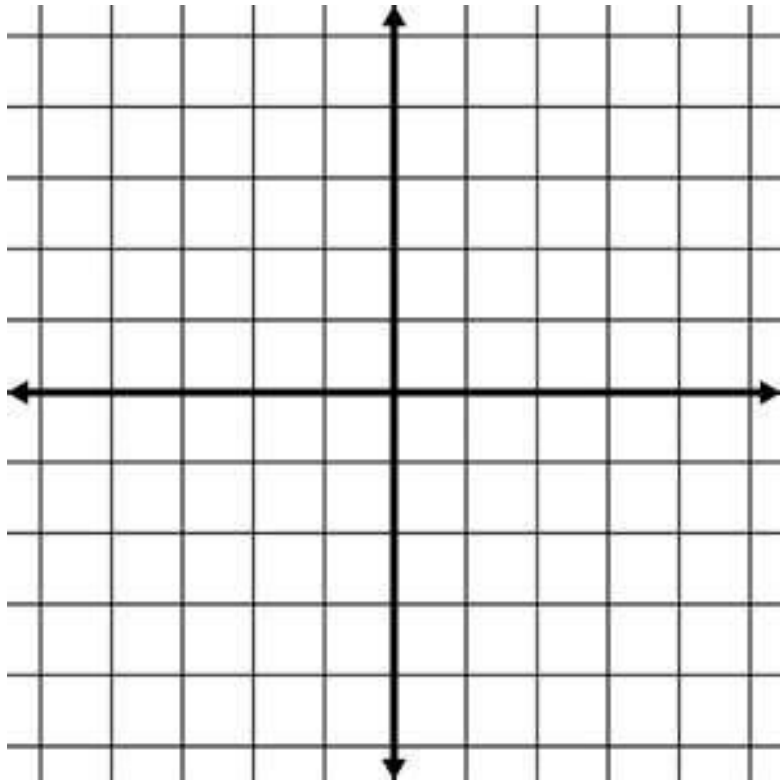
$$y = -2$$

$$y = -\frac{1}{3}x + 1$$

$$y = 3x + 4$$

$$y = -\frac{1}{3}x - 6$$

Rating



Tell me a **story**.

$$y = -\frac{1}{3}x + 1$$

$$y = -2$$