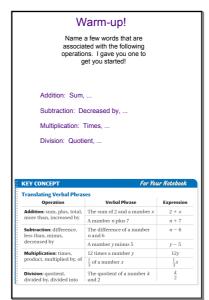


Feb 15-2:20 PM



Apr 15-9:21 AM



Write an expression for the following.

1. 7 more than a number b.

b+7

2. The product of 11 and a number x.

llx

3. The difference of 18 and a number c.

18 -(

4. The quotient of a number *n* and 15.

<u>n</u> 15

Apr 15-9:56 AM

#### Same Thing-A little bit tricker...

Write an expression for the following situations.

1. The height of a wall that is *b* bricks tall if each brick is 3 inches tall.

36

2. The number of miles in a 4-mile walk left to walk if you've already walked *m* miles.

4-m

3. Each person's share if *p* people share 3 gallons of water equally.

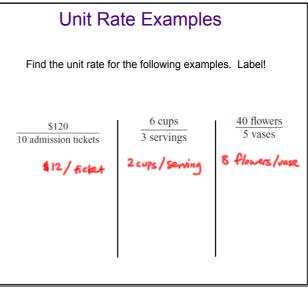


Apr 15-10:00 AM

### **Definitions!**

Rate: A fraction that compares two quantities measured in different units.

Unit Rate: When the denominator of the fraction is 1 unit.



Feb 15-2:22 PM

Apr 15-10:08 AM

### Tough Unit Rate Problem!

A car travels 120 miles in 2 hours. Find the unit rate in feet per second.



Apr 15-2:19 PM

# Last One!

For a training program, each day you run a given distance and then walk to cool down. One day you run 2 miles, and then walk for 20 minutes at a rate of 0.1 miles per 100 seconds. What total distance do you cover?

$$2 + \frac{20.60}{100}$$

$$2 + \left(\frac{1200}{100}\right)(0.1)$$

$$2 + (12)(0.1)$$

$$2 + 12 = 3.2$$

Apr 15-2:20 PM

## Homework

Pages 18-19, #2-28 Even

Apr 15-2:21 PM