

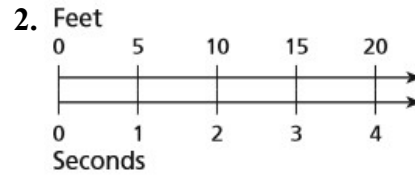
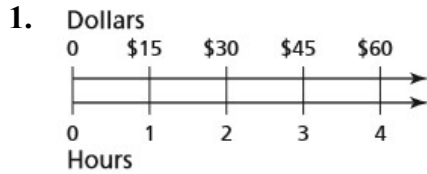
# Rates & Unit Rates

You must earn 6 points!

Write the rate as a ratio. Find the unit rate.

**1**

point



3. 256 heartbeats in 4 minutes

4. 12 haircuts in 4 hours

5. 27 outs in 9 innings

Decide whether the rates are equivalent

6. 96 miles on 4 gallons  
380 miles on 15 gallons

**2**

points

Solve each word problem.

7. You receive 9 text messages in 12 minutes. What is the rate of text messages per hour?

8. You studied for 14 hours last week. What was your unit rate of hours of study per day?

9. In a walk for charity, you walk at a rate of 100 meters per minute. How long does it take you to walk 2 kilometers?

# Reflecting Back

You must complete ALL 6 problems!

1. **Divide. Write your answer in simplest form.**

$$\frac{7}{9} \div \frac{5}{6}$$

2. **Multiply.**

$$67.8 \times 0.45$$

3. **Use the Distributive Property to simplify the expression.**

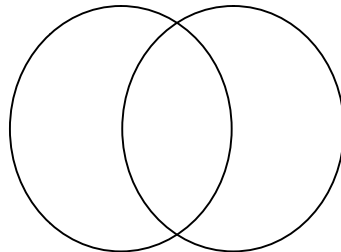
$$8(x + 7)$$

4. **Write the inequality**

12 is fewer than a number n.

5. **Find the Greatest Common Factor (GCF) & the Least Common Multiple (LCM).**

12 and 28



6. **Evaluate the expression.**  $12 \div 3 \cdot (15 - 6) + 3$