

## Quiz

## Rates Ratio and Proportion

1.
  - a. Give an example of a ratio.
  - b. Explain why your example in part 1a is a ratio.
  
2.
  - a. Give an example of a rate.
  - b. Explain why your example in part 2a is a rate.
  
3.
  - a. Give an example of a unit rate.
  - b. Explain why your example in part 3a is a unit rate.
  
4.
  - a. Give an example of a proportion.
  - b. Explain why your example in part 4a is a proportion.
  
5. Solve the following for  $n$ . Be sure to show your work.

$$\frac{0.7}{9.8} = \frac{3.6}{n}$$

Evaluate the following expressions.

6.  $(8+12) \div 4 - 6$

7.  $18 \cdot 3 \div 3^3$

8.  $85 - (4 \cdot 2)^2 - 3$

9.  $x(y - z)$

10.  $b(2^2 + \frac{1}{3}(6+3) - ab)$