

Using Variables to Represent Two Quantities - Guided Lesson

Complete the following problems:

1) The equation below shows how Gloria gains weight over the course of a month.

$$w = 4m$$

The variable m represents months and the variable w represents Gloria's weight in pounds. How heavy was Gloria's after 5 months?

- a) 18 pounds b) 9 pounds
c) 20 pounds d) 15 pounds

2) This equation shows how the total number of frogs born is related to the number of days in a season.

$$f = 3d$$



The variable d represents the number of days and the variable f represents the total number of frogs born. After 5 days of the season, how many total frogs are born?

- a) 10 frogs b) 15 frogs
c) 13 frogs d) 8 frogs

3) $t = 4c$

The above equation shows the time needed to bake a cookie as related to the number of cookies being baked.

The variable c denotes the number of cookies, and the variable t represents the time required to bake. How long does it take to bake 2 cookies in seconds?

- a) 8 seconds b) 9 seconds
c) 5 seconds d) 6 seconds

