

Name _____

Date _____

Using Variables to Represent Two Quantities - Guided Lesson Explanation

Explanation#1

It is given that $w = 4m$

Place the value of $m = 5$ in the above equation to find Gloria's weight after 5 months.

$$w = 4m$$

$$w = 4 \times 5$$

$$w = 20 \text{ (the problem states they are units of pounds)}$$

So after 5 months, Gloria weighed 20 pounds.

Explanation#2

After 5 days of the season, the number of frogs born can be calculated by:
putting the value of $d = 5$ into the equation.

$$f = 3d$$

$$f = 3 \times 5$$

$$f = 15$$

After 5 days of the season, 15 frogs will be born.

Explanation#3

To find time to bake 2 cookies, put value of c in $t = 4c$

$$t = 4c$$

$$t = 4 \times 2$$

$$t = 8$$

It takes 8 seconds to bake 2 cookies.

