

Name _____

Date _____

Multiplication and Division Equations - Step-by-Step Lesson

Lesson 1 Division

Sam is filling the boxes. He can fill 3 boxes in a minute. How long will it take him to fill 30 boxes?



Explanation:

Step 1) First we look to see what is being asked of us.

“How long will it take Sam to fill all 30 boxes?”

Step 2) Suppose Sam will take x minutes.

x – is a variable. A variable is a letter that represents an unknown number.

If we take the total number of boxes and divide it by how many boxes Sam can fill in a minute, that would give us the time (in minutes) that it would take us to fill all the boxes. Write out the equation:

$$x = \text{Total Boxes} / \text{Boxes Sam Fill (In a Minute)}$$

$$x = 30 / 3$$

$$x = 10, \text{ Sam will take 10 minutes.}$$

