

LESSON
12-3

Multiplication and Division Equations

Practice and Problem Solving: D

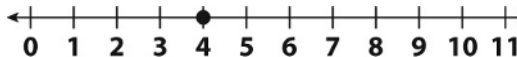
Solve each equation. Graph the solution on the number line.

Check your work. The first is done for you.

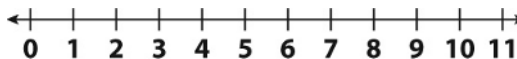
1. $8 = 2m$ $m = \underline{4}$

$$\frac{8}{2} = \frac{2m}{2}$$

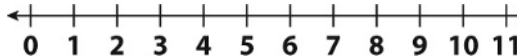
$4 = m$ $8 = 2 \cdot 4 \checkmark$



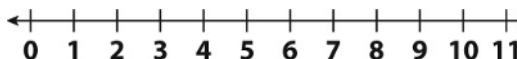
2. $\frac{a}{4} = 2$ $a = \underline{\hspace{2cm}}$



3. $12 = 3s$ $s = \underline{\hspace{2cm}}$



4. $\frac{u}{2} = 5$ $u = \underline{\hspace{2cm}}$

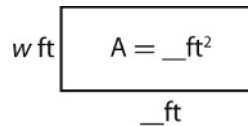


Use the situation below to complete Exercises 5–8.

The first one is done for you.

Jim knows the length of his garden is 12 feet. He knows the area of the garden is 60 ft^2 . What is the width of Jim's garden?

5. Fill in the known values in the picture at the right.



6. Write an equation you can use to solve the problem.

7. Solve the equation. $w = \underline{\hspace{2cm}}$

8. Write the solution to the problem.
