7.3

Solving Equations Using Multiplication or Division

Review

Solve the following. Show all work.

1) $c - 5 = 8$

3) $y - 13 = 17$

2) $6 + p = 11$

4) $11 + w = 7$

Review

Solve the following. Show all work.

5) $-7 = b + 7$

7) $r - 10 = 10.2$

6) $z - 6.8 = 13.9$

8) $\frac{3}{8} = \frac{5}{16} + x$

1) $6x = 42$

$$2)\ \frac{x}{5} = 7$$

$$3) \quad 3x = 45$$

$$4) \quad 12 = \frac{x}{5}$$

5) $12x = 78$

6) $\frac{2}{3}x = 4$

7) $\frac{1}{2}x = 10$

Practice

a. Solve $\frac{w}{4} = 12$.

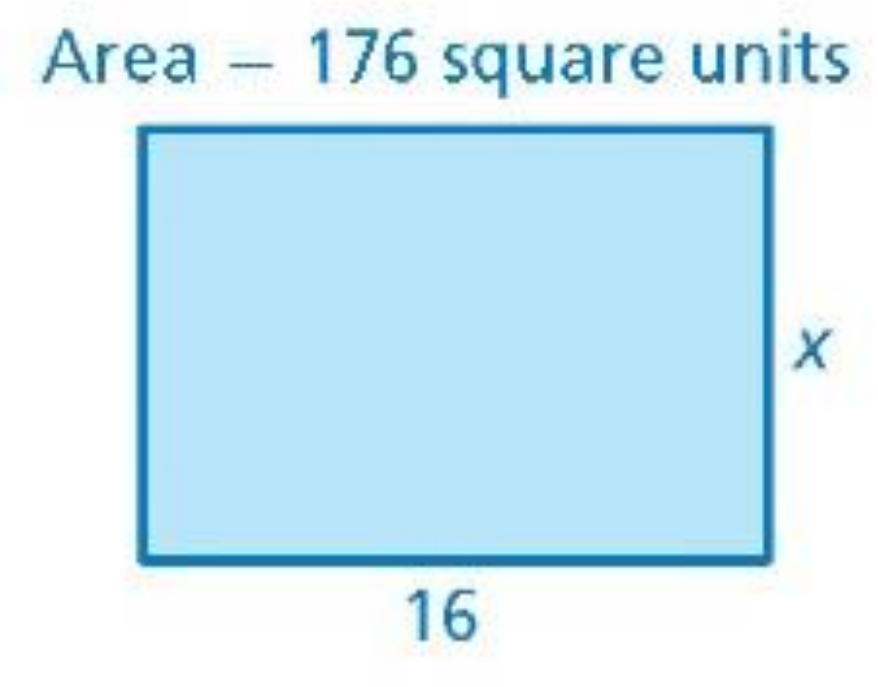
b. Solve $\frac{2}{7}x = 6$.

Practice

Solve $5b = 65$.

Practice

Write an equation that illustrates the following. Afterwards, solving for the missing side *x*.



7.1-7.3 Review

Write the word sentence as an equation. *(Section 7.1)*

1. A number x decreased by 3 is 5.

2. A number a divided by 7 equals 14.

7.1-7.3 Review

Solve the equation. Check your solution. *(Section 7.2 and Section 7.3)*

3. $4 + k = 14$

4. $3.5 = m - 2.2$

5. $8 = \frac{4w}{3}$

6. $31 = 6.2 \cdot y$

7.1-7.3 Review

11. RIBBON The length of the blue ribbon is two-thirds the length of the red ribbon. Write an equation you can use to find the length r of the red ribbon. *(Section 7.1)*