

## Proportions Answer Key

Instructions: Solve each proportion.

1. Find the value of  $x$ .

$$\frac{2}{3} = \frac{x}{24}$$

- a. 48
- b. 16
- c. 6
- d. 20

3.  $\frac{7}{8} = \frac{4}{16}$

- a. 1
- b. 2
- c. 3
- d. 4

5.  $\frac{x}{9} = \frac{3}{1}$

- a.  $x = 6$
- b.  $x = 3$
- c.  $x = 13 \frac{1}{2}$
- d.  $x = 9$

7.  $\frac{1}{8} = \frac{x}{24}$   
 $x = ?$

9.  $\frac{x}{1} = \frac{12}{3}$   
 $x = ?$

2.  $\frac{5}{25} = \frac{7}{x}$

What is the missing numerator?

- a. 1
- b. 3
- c. 6
- d. 7

4.  $\frac{6}{8} = \frac{18}{x}$

What is the missing denominator?

- a. 4
- b. 8
- c. 16
- d. 24

6.  $\frac{3}{4}$  of the children at the park are girls. If there are 60 girls, how many boys are there?

- a. 6
- b. 16
- c. 20
- d. 26

8.  $\frac{x}{3} = \frac{18}{27}$   
 $x = ?$   
 $x = ?$

10.  $\frac{2}{x} = \frac{24}{12}$   
 $x = ?$