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

2. $\frac{5}{25} = \frac{?}{5}$

   What is the missing numerator?
   a. 1
   b. 3
   c. 5
   d. 7

3. $\frac{?}{8} = \frac{4}{16}$
   a. 1
   b. 2
   c. 3
   d. 4

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

   What is the missing denominator?
   a. 4
   b. 8
   c. 16
   d. 24

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

6. $\frac{3}{4}$ of the children at the park are girls. If there are 60 girls, how many boys are there?
   a. 5
   b. 15
   c. 20
   d. 25

7. $\frac{1}{8} = \frac{x}{24}$
   x=3

8. $\frac{x}{3} = \frac{18}{27}$
   x=
   x=2

9. $\frac{x}{1} = \frac{12}{3}$
   x=4

10. $\frac{2}{x} = \frac{24}{12}$
   x=1