Name: Date: Score: / 15

Solve Proportions

Cross multiply. Worksheet 1 of 50

Find the missing value.

1. $\frac{9}{6} = \frac{x}{12}$ x =

2. $\frac{8}{5} = \frac{x}{20}$ x =

3. $\frac{4}{8} = \frac{x}{40}$ x =

4. $\frac{4}{8} = \frac{x}{24}$ x =

5. $\frac{5}{5} = \frac{x}{40}$ x =

6. $\frac{8}{8} = \frac{x}{16}$ x =

7. $\frac{2}{4} = \frac{x}{12}$ x =

8. $\frac{8}{12} = \frac{x}{96}$ x =

9. $\frac{2}{2} = \frac{x}{16}$ x =

10. $\frac{7}{5} = \frac{x}{10}$ x =

11. $\frac{4}{2} = \frac{x}{16}$ x =

12. $\frac{8}{9} = \frac{x}{45}$ x =

13. $\frac{7}{8} = \frac{x}{32}$ x =

14. $\frac{6}{9} = \frac{x}{72}$ x =

15. $\frac{3}{4} = \frac{x}{32}$ x =

ANSWER KEY

Solve Proportions (answers)

Cross multiply. Worksheet 1 of 50

Find the missing value.

1. $\frac{9}{6} = \frac{x}{12}$ x = **18**
2. $\frac{8}{5} = \frac{x}{20}$ x = **32**
3. $\frac{4}{8} = \frac{x}{40}$ x = **20**
4. $\frac{4}{8} = \frac{x}{24}$ x = **12**
5. $\frac{5}{5} = \frac{x}{40}$ x = **40**
6. $\frac{8}{8} = \frac{x}{16}$ x = **16**
7. $\frac{2}{4} = \frac{x}{12}$ x = **6**
8. $\frac{8}{12} = \frac{x}{96}$ x = **64**
9. $\frac{2}{2} = \frac{x}{16}$ x = **16**
10. $\frac{7}{5} = \frac{x}{10}$ x = **14**
11. $\frac{4}{2} = \frac{x}{16}$ x = **32**
12. $\frac{8}{9} = \frac{x}{45}$ x = **40**
13. $\frac{7}{8} = \frac{x}{32}$ x = **28**
14. $\frac{6}{9} = \frac{x}{72}$ x = **48**
15. $\frac{3}{4} = \frac{x}{32}$ x = **24**