

Name: _____

Date: _____

Ratios and Proportions

Solve each problem. Show your work.

1. $\frac{7}{2} = \frac{x}{16}$

9. $\frac{5}{2} = \frac{n}{12}$

2. $\frac{9}{5} = \frac{72}{y}$

10. $\frac{y}{9} = \frac{4}{18}$

3. $\frac{4}{5} = \frac{y}{15}$

11. $\frac{1}{5} = \frac{5}{n}$

4. $\frac{7}{n} = \frac{49}{63}$

12. $\frac{y}{9} = \frac{63}{81}$

5. $\frac{1}{3} = \frac{7}{x}$

13. $\frac{9}{8} = \frac{x}{56}$

6. $\frac{x}{8} = \frac{27}{24}$

14. $\frac{1}{n} = \frac{7}{63}$

7. $\frac{x}{4} = \frac{8}{32}$

15. $\frac{8}{3} = \frac{x}{27}$

8. $\frac{5}{7} = \frac{15}{n}$

16. $\frac{y}{10} = \frac{45}{50}$

Ratios and Proportions: Answer Key

1. $x = 56$

2. $y = 40$

3. $y = 12$

4. $n = 9$

5. $x = 21$

6. $x = 9$

7. $x = 1$

8. $n = 21$

9. $n = 30$

10. $y = 2$

11. $n = 25$

12. $y = 7$

13. $x = 63$

14. $n = 9$

15. $x = 72$

16. $y = 9$