Simplifying Fractions Worksheet

Name: _____ Date: _____

Write each fraction in simplest form. Divide the top and bottom by their greatest common factor.

1. $\frac{3}{9} = \frac{\square}{\square}$

2. $\frac{10}{12} = \frac{\square}{\square}$

3. $\frac{6}{15} = \frac{\square}{\square}$

4. $\frac{6}{12} = \frac{\square}{\square}$

5. $\frac{10}{15} = \frac{\square}{\square}$

6. $\frac{4}{6} = \frac{\square}{\square}$

7. $\frac{4}{28} = \frac{\square}{\square}$

8. $\frac{3}{24} = \frac{\square}{\square}$

9. $\frac{4}{10} = \frac{\square}{\square}$

10. $\frac{8}{20} = \frac{\square}{\square}$

11. $\frac{4}{8} = \frac{\square}{\square}$

12. $\frac{12}{16} = \frac{\square}{\square}$

13. $\frac{5}{10} = \frac{\square}{\square}$

14. $\frac{4}{12} = \frac{\square}{\square}$

15. $\frac{12}{20} = \frac{\square}{\square}$

16. $\frac{30}{36} = \frac{\square}{\square}$

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Answer Key

Write each fraction in simplest form. Divide the top and bottom by their greatest common factor.

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

2. $\frac{10}{12} = \frac{5}{6}$

3. $\frac{6}{15} = \frac{2}{5}$

4. $\frac{6}{12} = \frac{1}{2}$

5. $\frac{10}{15} = \frac{2}{3}$

6. $\frac{4}{6} = \frac{2}{3}$

7. $\frac{4}{28} = \frac{1}{7}$

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

9. $\frac{4}{10} = \frac{2}{5}$

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

11. $\frac{4}{8} = \frac{1}{2}$

12. $\frac{12}{16} = \frac{3}{4}$

13. $\frac{5}{10} = \frac{1}{2}$

14. $\frac{4}{12} = \frac{1}{3}$

15. $\frac{12}{20} = \frac{3}{5}$

16. $\frac{30}{36} = \frac{5}{6}$