Equivalent Fractions

Procedure:

1. **Multiply both the numerator and the denominator by the same number.**

Example:

Express $\frac{3}{4}$ as fortieths.

To turn fourths into fortieths, multiply the denominator by 10. So 4 x 10 = 40. This means the numerator must be multiplied by 10 also. So 3 x 10 = 30. Therefore, $\frac{3}{4} = \frac{30}{40}$.

Make equivalent fractions.

1. $\frac{1}{2} = \frac{\quad}{20}$ **2.** $\frac{4}{5} = \frac{\quad}{15}$ **3.** $\frac{3}{7} = \frac{18}{\quad}$

4. $\frac{6}{11} = \frac{\quad}{44}$ **5.** $\frac{1}{3} = \frac{9}{\quad}$ **6.** $\frac{12}{13} = \frac{24}{\quad}$

7. $\frac{2}{9} = \frac{\quad}{45}$ **8.** $\frac{13}{15} = \frac{\quad}{30}$ **9.** $\frac{5}{8} = \frac{25}{\quad}$

10. $\frac{7}{10} = \frac{\quad}{70}$ **11.** $\frac{3}{22} = \frac{\quad}{88}$ **12.** $\frac{8}{17} = \frac{16}{\quad}$

13. $\frac{9}{14} = \frac{27}{\quad}$

14. $\frac{3}{4} = \frac{\quad}{28}$

15. $\frac{25}{52} = \frac{50}{\quad}$