Equivalent Fractions and Simplest Form
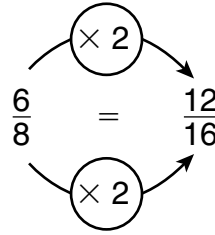

Jared read $\frac{6}{8}$ of a book.

Find the **simplest form of** a fraction by dividing until 1 is the only number that divides both the numerator and the denominator.	Find an equivalent fraction by multiplying the numerator and denominator by the same number.
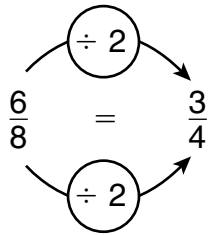
The **simplest form of** $\frac{6}{8}$ is $\frac{3}{4}$.

$\frac{6}{8}$ and $\frac{12}{16}$ are equivalent fractions.

Write each fraction in simplest form. Then write another equivalent fraction.

1. $\frac{6}{9} = \frac{6 \div 3}{9 \div 3} =$ _____

$\frac{6}{9} = \frac{6 \times 3}{9 \times 3} =$ _____

2. $\frac{8}{10} = \frac{8 \div 2}{10 \div 2} =$ _____

$\frac{8}{10} = \frac{8 \times 3}{10 \times 3} =$ _____

3. $\frac{3}{6} = \frac{3 \div 3}{6 \div 3} =$ _____

$\frac{3}{6} = \frac{3 \times 4}{6 \times 4} =$ _____

4. $\frac{8}{12} = \frac{8 \div 4}{12 \div 4} =$ _____

$\frac{8}{12} = \frac{8 \times 2}{12 \times 2} =$ _____

5. $\frac{2}{16} = \frac{2 \div 2}{16 \div 2} =$ _____

$\frac{2}{16} = \frac{2 \times 3}{16 \times 3} =$ _____

6. $\frac{9}{15} = \frac{9 \div 3}{15 \div 3} =$ _____

$\frac{9}{15} = \frac{9 \times 2}{15 \times 2} =$ _____

7. $\frac{6}{18} = \frac{6 \div 6}{18 \div 6} =$ _____

$\frac{6}{18} = \frac{6 \times 2}{18 \times 2} =$ _____

8. $\frac{15}{20} = \frac{15 \div 5}{20 \div 5} =$ _____

$\frac{15}{20} = \frac{15 \times 3}{20 \times 3} =$ _____

9. $\frac{4}{22} = \frac{4 \div 2}{22 \div 2} =$ _____

$\frac{4}{22} = \frac{4 \times 3}{22 \times 3} =$ _____

Use with text pages 494–497.