

Strategies for Comparing Fractions

To find a *common denominator* for two fractions,

- (1) multiply the denominators together, or
 (2) use some other common multiple.

Example

$$\frac{1}{4} = \frac{8}{32}$$

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

Convert $\frac{1}{4}$ and $\frac{5}{8}$ to equivalent fractions with a common denominator.

$$\frac{5}{8} = \frac{20}{32}$$

or

$$\frac{5}{8} = \frac{5}{8}$$

Find a common denominator for each pair of fractions, then convert to equivalent fractions.

1

$$\frac{2}{3} = \frac{\square}{\square}$$

$$\frac{5}{9} = \frac{\square}{\square}$$

2

$$\frac{2}{3} = \frac{\square}{\square}$$

$$\frac{3}{5} = \frac{\square}{\square}$$

3

$$\frac{1}{2} = \frac{\square}{\square}$$

$$\frac{2}{3} = \frac{\square}{\square}$$

4

$$\frac{7}{8} = \frac{\square}{\square}$$

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

5

$$\frac{1}{6} = \frac{\square}{\square}$$

$$\frac{2}{4} = \frac{\square}{\square}$$

6

$$\frac{5}{6} = \frac{\square}{\square}$$

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