

Reducing Fractions Worksheets - 4

Reduce the following fractions into their lowest terms. The first two are done as examples and the prime factors are used to reduce them. [Reducing fractions worksheets](#)

$$1) \quad \frac{4}{6}$$

Now, $4 = 2 \times 2$ and $6 = 2 \times 3$

$$= \frac{\cancel{2} \times 2}{\cancel{2} \times 3} = \frac{2}{3} \text{ is the answer.}$$

$$2) \quad \frac{4}{8}$$

$$= \frac{\cancel{2} \times \cancel{2}}{\cancel{2} \times \cancel{2} \times 2} = \frac{1}{2}$$

Note: *If you cut all the factors, 1 is still there.*

$$3) \quad \frac{3}{6}$$

$$4) \quad \frac{6}{9}$$

$$5) \quad \frac{4}{10}$$

$$6) \quad \frac{2}{4}$$

$$7) \quad \frac{1}{1}$$

$$8) \quad \frac{2}{2}$$

$$9) \quad \frac{3}{3}$$

$$10) \quad \frac{8}{8}$$

$$11) \quad \frac{10}{10}$$

$$12) \quad \frac{100}{100}$$

$$13) \quad \frac{1}{2}$$

$$14) \quad \frac{2}{3}$$

$$15) \quad \frac{3}{5}$$