

1. Complete these steps to write  $\frac{100}{120}$  in simplest form.

$$\frac{100}{120} = \frac{2 \times 5 \times 2 \times 5}{2 \times 2 \times 2 \times 3 \times 5} = \text{_____}$$

2. Complete these steps to write  $\frac{375}{1000}$  in simplest form.

$$\frac{375}{1000} = \frac{3 \times 5 \times 5 \times 5}{2 \times 5 \times 2 \times 5 \times 2 \times 5} = \underline{\hspace{2cm}}$$

3. Complete these steps to write  $\frac{52}{1001}$  in simplest form.

$$\frac{52}{1001} = \frac{2 \times 2 \times 13}{7 \times 11 \times 13} = \underline{\hspace{2cm}}$$

4. Complete these steps to write  $\frac{75}{100}$  in simplest form.

$$\frac{75}{100} = \frac{3 \times 5 \times 5}{2 \times 5 \times 2 \times 5} = \text{————}$$

## Answers

1.  $\frac{5}{6}$

2.  $\frac{3}{8}$

3.  $\frac{4}{77}$

4.  $\frac{3}{4}$