

$$\frac{90}{75} = \frac{6}{5};$$

Diagram showing the fraction $\frac{90}{75}$ with prime factors: 90 = $2 \cdot 3 \cdot 3 \cdot 5$, 75 = $3 \cdot 5 \cdot 5$. The result is $\frac{6}{5}$.

$$\frac{70}{120} = \frac{7}{12};$$

Diagram showing the fraction $\frac{70}{120}$ with prime factors: 70 = $2 \cdot 5 \cdot 7$, 120 = $2 \cdot 2 \cdot 2 \cdot 3 \cdot 5$. The result is $\frac{7}{12}$.

$$\frac{216}{132} = \frac{18}{11};$$

Diagram showing the fraction $\frac{216}{132}$ with prime factors: 216 = $2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \cdot 3$, 132 = $2 \cdot 2 \cdot 3 \cdot 11$. The result is $\frac{18}{11}$.

$$\frac{450}{300} = \frac{3}{2};$$

Diagram showing the fraction $\frac{450}{300}$ with prime factors: 450 = $2 \cdot 3 \cdot 3 \cdot 5 \cdot 5$, 300 = $2 \cdot 2 \cdot 3 \cdot 5 \cdot 5$. The result is $\frac{3}{2}$.

$$\frac{567}{729} = \frac{7}{9};$$

Diagram showing the fraction $\frac{567}{729}$ with prime factors: 567 = $3 \cdot 3 \cdot 3 \cdot 7$, 729 = $3 \cdot 3 \cdot 3 \cdot 3 \cdot 3 \cdot 3$. The result is $\frac{7}{9}$.

$$\frac{630}{225} = \frac{14}{5};$$

Diagram showing the fraction $\frac{630}{225}$ with prime factors: 630 = $2 \cdot 3 \cdot 3 \cdot 5 \cdot 7$, 225 = $3 \cdot 3 \cdot 5 \cdot 5$. The result is $\frac{14}{5}$.

$$\frac{594}{308} = \frac{27}{14};$$

Diagram showing the fraction $\frac{594}{308}$ with prime factors: 594 = $2 \cdot 3 \cdot 3 \cdot 3 \cdot 11$, 308 = $2 \cdot 2 \cdot 7 \cdot 11$. The result is $\frac{27}{14}$.

$$\frac{407}{462} = \frac{37}{42};$$

Diagram showing the fraction $\frac{407}{462}$ with prime factors: 407 = $11 \cdot 37$, 462 = $2 \cdot 3 \cdot 7 \cdot 11$. The result is $\frac{37}{42}$.

$$\frac{300}{336} = \frac{25}{28};$$

Diagram showing the fraction $\frac{300}{336}$ with prime factors: 300 = $2 \cdot 2 \cdot 3 \cdot 5 \cdot 5$, 336 = $2 \cdot 2 \cdot 2 \cdot 3 \cdot 7$. The result is $\frac{25}{28}$.