

Simplify Fractions

Investigate which fractions below can be simplified.

Various answers, for example:

$$\frac{120}{240} = \frac{1}{2}$$

$$\frac{140}{160} = \frac{7}{8}$$

$$\frac{64}{108} = \frac{16}{27}$$

$$\frac{150}{600} = \frac{1}{4}$$

$$\frac{75}{99} = \frac{25}{33}$$

$$\frac{63}{84} = \frac{3}{4}$$

$$\frac{81}{90} = \frac{9}{10}$$

For any fractions that can't be simplified, explore alternative numerators so that the fraction could be simplified.

Various answers, for example:

$$\frac{36}{49} \rightarrow \frac{42}{49}$$

$$\frac{7}{150} \rightarrow \frac{6}{150}$$

$$\frac{42}{55} \rightarrow \frac{45}{55}$$

$$\frac{121}{144} \rightarrow \frac{132}{144}$$

$$\frac{56}{81} \rightarrow \frac{54}{81}$$