Simplify each fraction to its lowest terms.

$$
\begin{array}{rlrl}
\frac{32}{36} & = & \frac{4}{16} & = \\
\frac{24}{28} & = & \frac{8}{10}= \\
\frac{30}{35} & = & \frac{10}{25}= \\
\frac{3}{18} & = & \frac{12}{20} & \frac{5}{10}= \\
\frac{10}{12} & = & \frac{4}{24}= \\
& \frac{3}{27}= & \frac{3}{24}=
\end{array}
$$

## Simplify Fractions (A) Answers

Simplify each fraction to its lowest terms.

$$
\begin{array}{llll}
\frac{32}{36} & =\frac{8}{9} & \frac{4}{16} & =\frac{1}{4} \\
\frac{24}{28} & =\frac{6}{7} & \frac{8}{4} & =\frac{4}{5} \\
\frac{30}{35} & =\frac{6}{7} & \frac{12}{20} & =\frac{3}{5} \\
\frac{35}{18} & =\frac{10}{6} & \frac{12}{16} & =\frac{3}{4} \\
\frac{10}{12} & =\frac{5}{6} & \frac{3}{27}=\frac{1}{2} & \frac{4}{24}=\frac{1}{6} \\
& & \frac{3}{24}=\frac{1}{8}
\end{array}
$$

$$
\begin{array}{lll}
\frac{8}{16}= & \frac{6}{9}= & \frac{40}{45}= \\
\frac{6}{12}= & \frac{24}{28}= & \frac{16}{18}= \\
\frac{4}{16}= & \frac{4}{8}= & \frac{15}{30}= \\
\frac{8}{12}= & \frac{15}{24}= & \frac{20}{36}= \\
\frac{12}{15}= & \frac{4}{12}= & \frac{12}{14}=
\end{array}
$$

$$
\begin{array}{lll}
\frac{8}{16}=\frac{1}{2} & \frac{6}{9}=\frac{2}{3} & \frac{40}{45}=\frac{8}{9} \\
\frac{6}{12}=\frac{1}{2} & \frac{24}{28}=\frac{6}{7} & \frac{16}{18}=\frac{8}{9} \\
\frac{4}{16}=\frac{1}{4} & \frac{4}{8}=\frac{1}{2} & \frac{15}{30}=\frac{1}{2} \\
\frac{8}{12}=\frac{2}{3} & \frac{15}{24}=\frac{5}{8} & \frac{20}{36}=\frac{5}{9} \\
\frac{12}{15}=\frac{4}{5} & \frac{4}{12}=\frac{1}{3} & \frac{12}{14}=\frac{6}{7}
\end{array}
$$

Simplify each fraction to its lowest terms.

$$
\begin{array}{lll}
\frac{12}{21}= & \frac{5}{25}= & \frac{12}{15}= \\
\frac{9}{18}= & \frac{2}{16}= & \frac{15}{45}= \\
\frac{15}{25}= & \frac{3}{6}= & \frac{4}{6}= \\
\frac{10}{12}= & \frac{24}{32}= & \frac{8}{18}= \\
\frac{3}{24}= & \frac{20}{36}= & \frac{20}{25}=
\end{array}
$$

$$
\begin{array}{lll}
\frac{12}{21} & =\frac{4}{7} & \frac{5}{25}=\frac{1}{5} \\
\frac{9}{18} & =\frac{12}{15}=\frac{4}{5} \\
\frac{15}{25} & \frac{2}{16}=\frac{3}{8} & \frac{3}{6}=\frac{15}{25}=\frac{1}{3} \\
\frac{10}{12}=\frac{5}{6} & \frac{24}{32}=\frac{3}{4} & \frac{8}{18}=\frac{4}{9} \\
\frac{3}{24} & =\frac{1}{8} & \frac{20}{36}=\frac{5}{9}
\end{array}
$$

Simplify each fraction to its lowest terms.

$$
\begin{array}{lll}
\frac{4}{16} & = & \frac{3}{6}= \\
\frac{15}{24} & = & \frac{8}{14}= \\
8 & \frac{6}{27}=
\end{array}
$$

$$
\frac{10}{15}=\quad \frac{5}{10}=\quad \frac{12}{27}=
$$

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

$$
\frac{4}{12}=
$$

$$
\frac{32}{36}=
$$

$$
\frac{30}{40}=
$$

$$
\frac{8}{28}=
$$

$$
\frac{6}{12}=
$$

## Simplify Fractions (D) Answers

Simplify each fraction to its lowest terms.

$$
\begin{aligned}
& \frac{4}{16}=\frac{1}{4} \\
& \frac{3}{6}=\frac{1}{2} \\
& \frac{8}{14}=\frac{4}{7} \\
& \frac{15}{24}=\frac{5}{8} \\
& \frac{6}{8}=\frac{3}{4} \\
& \frac{24}{27}=\frac{8}{9} \\
& \frac{10}{15}=\frac{2}{3} \quad \frac{5}{10}=\frac{1}{2} \quad \frac{12}{27}=\frac{4}{9} \\
& \frac{4}{8}=\frac{1}{2} \quad \frac{4}{12}=\frac{1}{3} \quad \frac{32}{36}=\frac{8}{9} \\
& \frac{30}{40}=\frac{3}{4} \\
& \frac{8}{28}=\frac{2}{7} \\
& \frac{6}{12}=\frac{1}{2}
\end{aligned}
$$

$$
\frac{5}{10}=\quad \frac{4}{8}=\quad \frac{6}{21}=
$$

$$
\frac{16}{18}=\quad \frac{6}{10}=\quad \frac{10}{30}=
$$

$$
\frac{16}{28}=\quad \frac{8}{24}=\quad \frac{20}{40}=
$$

$$
\frac{2}{8}=\quad \frac{5}{20}=\quad \frac{4}{6}=
$$

$$
\frac{15}{30}=\quad \frac{12}{28}=\quad \frac{15}{30}=
$$

Simplify each fraction to its lowest terms.

$$
\frac{5}{10}=\frac{1}{2} \quad \frac{4}{8}=\frac{1}{2} \quad \frac{6}{21}=\frac{2}{7}
$$

$$
\frac{16}{18}=\frac{8}{9} \quad \frac{6}{10}=\frac{3}{5} \quad \frac{10}{30}=\frac{1}{3}
$$

$$
\frac{16}{28}=\frac{4}{7} \quad \frac{8}{24}=\frac{1}{3} \quad \frac{20}{40}=\frac{1}{2}
$$

$$
\frac{2}{8}=\frac{1}{4} \quad \frac{5}{20}=\frac{1}{4} \quad \frac{4}{6}=\frac{2}{3}
$$

$$
\frac{15}{30}=\frac{1}{2} \quad \frac{12}{28}=\frac{3}{7} \quad \frac{15}{30}=\frac{1}{2}
$$

$$
\frac{3}{9}=\quad \frac{14}{18}=\quad \frac{5}{35}=
$$

$$
\frac{4}{18}=
$$

$$
\frac{4}{12}=
$$

$$
\frac{15}{21}=
$$

$$
\frac{4}{6}=\quad \frac{8}{16}=\quad \frac{24}{36}=
$$

$$
\frac{2}{6}=
$$

$$
\frac{24}{28}=
$$

$$
\frac{8}{16}=
$$

$$
\frac{5}{45}=
$$

$$
\frac{20}{35}=
$$

$$
\frac{4}{12}=
$$

## Simplify Fractions (F) Answers

Simplify each fraction to its lowest terms.

$$
\frac{3}{9}=\frac{1}{3} \quad \frac{14}{18}=\frac{7}{9} \quad \frac{5}{35}=\frac{1}{7}
$$

$$
\frac{4}{18}=\frac{2}{9} \quad \frac{4}{12}=\frac{1}{3} \quad \frac{15}{21}=\frac{5}{7}
$$

$$
\frac{4}{6}=\frac{2}{3} \quad \frac{8}{16}=\frac{1}{2} \quad \frac{24}{36}=\frac{2}{3}
$$

$$
\frac{2}{6}=\frac{1}{3} \quad \frac{24}{28}=\frac{6}{7} \quad \frac{8}{16}=\frac{1}{2}
$$

$$
\frac{5}{45}=\frac{1}{9} \quad \frac{20}{35}=\frac{4}{7} \quad \frac{4}{12}=\frac{1}{3}
$$

Simplify each fraction to its lowest terms.

$$
\begin{array}{lll}
\frac{16}{24}= & \frac{4}{10}= & \frac{3}{6}= \\
\frac{6}{18}= & \frac{2}{12}= & \frac{3}{12}= \\
\frac{4}{8}= & \frac{10}{18}= & \frac{24}{36}= \\
\frac{8}{16}= & \frac{3}{15}= & \frac{8}{24}= \\
\frac{5}{15}= & \frac{3}{15}= & \frac{15}{20}=
\end{array}
$$

$$
\begin{array}{lll}
\frac{16}{24} & =\frac{2}{3} & \frac{4}{10}=\frac{2}{5} \\
\frac{6}{18} & =\frac{3}{6} & =\frac{1}{2} \\
\frac{4}{8} & =\frac{1}{2} & \frac{2}{12}=\frac{1}{6} \\
\frac{4}{18} & =\frac{3}{9} & =\frac{1}{4} \\
\frac{8}{16} & =\frac{1}{2} & \frac{3}{15}
\end{array}
$$

$$
\begin{array}{lll}
\frac{5}{15}= & \frac{4}{8}= & \frac{8}{16}= \\
\frac{9}{15}= & \frac{12}{16}= & \frac{8}{12}=
\end{array}
$$

$$
\frac{14}{16}=
$$

$$
\frac{10}{14}=
$$

$$
\frac{24}{28}=
$$

$$
\frac{5}{10}=
$$

$$
\frac{12}{15}=
$$

$$
\frac{6}{18}=
$$

$$
\frac{20}{45}=
$$

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

$$
\frac{5}{15}=
$$

$$
\begin{aligned}
& \frac{5}{15}=\frac{1}{3} \quad \frac{4}{8}=\frac{1}{2} \quad \frac{8}{16}=\frac{1}{2} \\
& \frac{9}{15}=\frac{3}{5} \quad \frac{12}{16}=\frac{3}{4} \quad \frac{8}{12}=\frac{2}{3}
\end{aligned}
$$

$$
\frac{14}{16}=\frac{7}{8} \quad \frac{10}{14}=\frac{5}{7} \quad \frac{24}{28}=\frac{6}{7}
$$

$$
\frac{5}{10}=\frac{1}{2} \quad \frac{12}{15}=\frac{4}{5} \quad \frac{6}{18}=\frac{1}{3}
$$

$$
\frac{20}{45}=\frac{4}{9} \quad \frac{2}{4}=\frac{1}{2} \quad \frac{5}{15}=\frac{1}{3}
$$

## Simplify Fractions (I)

Simplify each fraction to its lowest terms.

$$
\begin{array}{lll}
\frac{6}{16}= & \frac{2}{12}= & \frac{12}{16}= \\
\frac{9}{18}= & \frac{5}{25}= & \frac{4}{8}=
\end{array}
$$

$$
\frac{4}{12}=\quad \frac{12}{14}=\quad \frac{15}{20}=
$$

$$
\frac{12}{28}=\quad \frac{3}{18}=\quad \frac{10}{25}=
$$

$$
\frac{9}{15}=\quad \frac{6}{14}=\quad \frac{5}{10}=
$$

$$
\begin{aligned}
& \frac{6}{16}=\frac{3}{8} \quad \frac{2}{12}=\frac{1}{6} \quad \frac{12}{16}=\frac{3}{4} \\
& \frac{9}{18}=\frac{1}{2} \quad \frac{5}{25}=\frac{1}{5} \quad \frac{4}{8}=\frac{1}{2}
\end{aligned}
$$

$$
\frac{4}{12}=\frac{1}{3} \quad \frac{12}{14}=\frac{6}{7} \quad \frac{15}{20}=\frac{3}{4}
$$

$$
\frac{12}{28}=\frac{3}{7} \quad \frac{3}{18}=\frac{1}{6} \quad \frac{10}{25}=\frac{2}{5}
$$

$$
\frac{9}{15}=\frac{3}{5} \quad \frac{6}{14}=\frac{3}{7} \quad \frac{5}{10}=\frac{1}{2}
$$

$$
\frac{8}{24}=\quad \frac{9}{27}=\quad \frac{9}{15}=
$$

$$
\frac{20}{25}=\quad \frac{6}{9}=\quad \frac{12}{20}=
$$

$$
\frac{4}{8}=\quad \frac{8}{28}=\quad \frac{2}{10}=
$$

$$
\frac{4}{28}=\quad \frac{5}{25}=\quad \frac{8}{16}=
$$

$$
\frac{2}{8}=\quad \frac{16}{20}=\quad \frac{3}{6}=
$$

## Simplify Fractions (J) Answers Simplify each fraction to its lowest terms.

$$
\frac{8}{24}=\frac{1}{3} \quad \frac{9}{27}=\frac{1}{3} \quad \frac{9}{15}=\frac{3}{5}
$$

$$
\frac{20}{25}=\frac{4}{5} \quad \frac{6}{9}=\frac{2}{3} \quad \frac{12}{20}=\frac{3}{5}
$$

$$
\frac{4}{8}=\frac{1}{2} \quad \frac{8}{28}=\frac{2}{7} \quad \frac{2}{10}=\frac{1}{5}
$$

$$
\frac{4}{28}=\frac{1}{7} \quad \frac{5}{25}=\frac{1}{5} \quad \frac{8}{16}=\frac{1}{2}
$$

$$
\frac{2}{8}=\frac{1}{4} \quad \frac{16}{20}=\frac{4}{5} \quad \frac{3}{6}=\frac{1}{2}
$$

