Math Online School

Simplifying Fractions



Simplify each fraction using the indicated number.

$\frac{4}{6} \overset{\div 2}{\div 2} = \frac{\quad}{\quad}$ $\quad$ $\frac{3}{12} \overset{\div 3}{\div 3} = \frac{\quad}{\quad}$ $\quad$ $\frac{6}{18} \overset{\div 6}{\div 6} = \frac{\quad}{\quad}$

$\frac{3}{9} \overset{\div 3}{\div 3} = \frac{\quad}{\quad}$ $\quad$ $\frac{5}{10} \overset{\div 5}{\div 5} = \frac{\quad}{\quad}$ $\quad$ $\frac{5}{20} \overset{\div 5}{\div 5} = \frac{\quad}{\quad}$

$\frac{2}{8} \overset{\div 2}{\div 2} = \frac{\quad}{\quad}$ $\quad$ $\frac{3}{15} \overset{\div 3}{\div 3} = \frac{\quad}{\quad}$ $\quad$ $\frac{8}{12} \overset{\div 4}{\div 4} = \frac{\quad}{\quad}$

Find the number the fraction was simplified by.

$\frac{6}{12} \frac{\square}{} = \frac{1}{2}$ $\quad$ $\frac{6}{9} \frac{\square}{} = \frac{2}{3}$ $\quad$ $\frac{12}{16} \frac{\square}{} = \frac{3}{4}$

$\frac{8}{14} \frac{\square}{} = \frac{4}{7}$ $\quad$ $\frac{4}{10} \frac{\square}{} = \frac{2}{5}$ $\quad$ $\frac{10}{25} \frac{\square}{} = \frac{2}{5}$

$\frac{10}{15} \frac{\square}{} = \frac{2}{3}$ $\quad$ $\frac{5}{25} \frac{\square}{} = \frac{1}{5}$ $\quad$ $\frac{15}{25} \frac{\square}{} = \frac{3}{5}$

$\frac{9}{12} \frac{\square}{} = \frac{3}{4}$ $\quad$ $\frac{8}{10} \frac{\square}{} = \frac{4}{5}$ $\quad$ $\frac{18}{27} \frac{\square}{} = \frac{2}{3}$

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