

Starting Canning



$$\frac{6}{8} = \frac{3}{4} \quad \frac{9}{12} = \frac{3}{4} \quad \frac{12}{16} = \frac{3}{4}$$

Diagram showing cancellation for 6/8: 6 ÷ 2 = 3, 8 ÷ 2 = 4. Diagram showing cancellation for 9/12: 9 ÷ 3 = 3, 12 ÷ 3 = 4. Diagram showing cancellation for 12/16: 12 ÷ 4 = 3, 16 ÷ 4 = 4.

Cancelling fractions is also called simplifying fractions.
When we *divide* the numerator and the denominator by the **same** number we are cancelling the fraction.

A. Cancel the fractions using the divisors shown.

1). $\frac{5}{15} = \frac{\boxed{}}{\boxed{}}$ (divisor: 5)
2). $\frac{6}{10} = \frac{\boxed{}}{\boxed{}}$ (divisor: 2)
3). $\frac{4}{24} = \frac{\boxed{}}{\boxed{}}$ (divisor: 4)
4). $\frac{12}{30} = \frac{\boxed{}}{\boxed{}}$ (divisor: 6)
5). $\frac{9}{24} = \frac{\boxed{}}{\boxed{}}$ (divisor: 3)
6). $\frac{14}{21} = \frac{\boxed{}}{\boxed{}}$ (divisor: 7)
7). $\frac{36}{63} = \frac{\boxed{}}{\boxed{}}$ (divisor: 9)
8). $\frac{8}{16} = \frac{\boxed{}}{\boxed{}}$ (divisor: 8)
9). $\frac{50}{60} = \frac{\boxed{}}{\boxed{}}$ (divisor: 10)
10). $\frac{24}{108} = \frac{\boxed{}}{\boxed{}}$ (divisor: 12)

B. Find the divisor used to make each of these equivalent fractions.

1). $\frac{7}{21} = \frac{1}{3}$ (divisor: $\boxed{}$)
2). $\frac{9}{18} = \frac{1}{2}$ (divisor: $\boxed{}$)
3). $\frac{12}{18} = \frac{2}{3}$ (divisor: $\boxed{}$)
4). $\frac{16}{20} = \frac{4}{5}$ (divisor: $\boxed{}$)
5). $\frac{15}{35} = \frac{3}{7}$ (divisor: $\boxed{}$)
6). $\frac{33}{88} = \frac{3}{8}$ (divisor: $\boxed{}$)
7). $\frac{30}{36} = \frac{5}{6}$ (divisor: $\boxed{}$)
8). $\frac{32}{72} = \frac{4}{9}$ (divisor: $\boxed{}$)
9). $\frac{20}{48} = \frac{5}{12}$ (divisor: $\boxed{}$)
10). $\frac{84}{120} = \frac{7}{10}$ (divisor: $\boxed{}$)

C. Find the divisor and complete the fraction to make these fractions equivalent.

1). $\frac{8}{12} = \frac{2}{\boxed{}}$ (divisor: $\boxed{}$)
2). $\frac{21}{28} = \frac{\boxed{}}{4}$ (divisor: $\boxed{}$)
3). $\frac{24}{40} = \frac{3}{\boxed{}}$ (divisor: $\boxed{}$)
4). $\frac{18}{21} = \frac{\boxed{}}{7}$ (divisor: $\boxed{}$)
5). $\frac{20}{32} = \frac{5}{\boxed{}}$ (divisor: $\boxed{}$)
6). $\frac{22}{24} = \frac{\boxed{}}{12}$ (divisor: $\boxed{}$)
7). $\frac{42}{54} = \frac{\boxed{}}{9}$ (divisor: $\boxed{}$)
8). $\frac{27}{36} = \frac{3}{\boxed{}}$ (divisor: $\boxed{}$)
9). $\frac{77}{88} = \frac{7}{\boxed{}}$ (divisor: $\boxed{}$)
10). $\frac{39}{45} = \frac{\boxed{}}{15}$ (divisor: $\boxed{}$)