



Equivalent and Simplified Fractions

1 Fill in the blanks to make equivalent fractions

a) $\frac{2}{3} = \frac{\quad}{6} = \frac{10}{\quad} = \frac{\quad}{24}$

b) $\frac{1}{3} = \frac{\quad}{6} = \frac{4}{\quad} = \frac{\quad}{12}$

c) $\frac{4}{5} = \frac{\quad}{10} = \frac{12}{\quad} = \frac{20}{\quad}$

d) $\frac{5}{6} = \frac{10}{\quad} = \frac{\quad}{18} = \frac{20}{\quad}$

e) $\frac{6}{7} = \frac{\quad}{14} = \frac{18}{\quad} = \frac{\quad}{28}$

f) $\frac{1}{8} = \frac{2}{\quad} = \frac{\quad}{16} = \frac{3}{\quad}$

2 Multiply the numerator and denominator by the same number to form equivalent fractions

a) $\frac{1}{2} = \frac{4}{\quad}$

b) $\frac{1}{3} = \frac{\quad}{30}$

c) $\frac{1}{4} = \frac{\quad}{20}$

d) $\frac{2}{3} = \frac{\quad}{12}$

d) $\frac{3}{4} = \frac{\quad}{20}$

e) $\frac{5}{6} = \frac{10}{\quad}$

3 Divide the numerator and denominator by the same number to form equivalent fractions

a) $\frac{10}{20} = \frac{\quad}{2}$

b) $\frac{10}{12} = \frac{\quad}{6}$

c) $\frac{6}{8} = \frac{3}{\quad}$

d) $\frac{20}{60} = \frac{\quad}{3}$

d) $\frac{14}{20} = \frac{7}{\quad}$

e) $\frac{6}{15} = \frac{\quad}{5}$

4 Express each fraction in its lowest terms

a) $\frac{10}{12}$

b) $\frac{16}{20}$

c) $\frac{6}{8}$

d) $\frac{8}{10}$

d) $\frac{20}{30}$

e) $\frac{18}{24}$