

1. Complete the following as shown in the given example (give answers in simplest form)

Ex: $\frac{5}{8} - \frac{3}{8} = \frac{5-3}{8} = \frac{2}{8} = \frac{1}{4}$ $\frac{1}{4}$ is the answer in simplest form

a. $\frac{5}{7} - \frac{3}{7} = \frac{5-3}{7} = \frac{2}{7}$

b. $\frac{11}{12} - \frac{6}{12} = \frac{11-6}{12} = \frac{5}{12}$

c. $\frac{21}{25} - \frac{11}{25} = \frac{21-11}{25} = \frac{10}{25} \stackrel{(\div 5)}{=} \frac{2}{5}$

d. * $\frac{35}{18} - \frac{17}{18} = \frac{35-17}{18} = \frac{18}{18} = 1$

2. Complete the following as shown in given example

Ex: $\frac{10}{16} - \frac{1}{2} = \frac{10}{16} - \frac{8}{16} = \frac{10-8}{16} = \frac{2}{16} = \frac{1}{8}$ $\frac{1}{8}$ is the answer in simplest form

Equivalent fractions

$$\frac{1^{(\times 8)}}{2^{(\times 8)}} = \frac{8}{16}$$

a. $\frac{5}{9} - \frac{1}{3} = \frac{5}{9} - \frac{3}{9} = \frac{5-3}{9} = \frac{2}{9}$

$$\frac{1^{(\times 3)}}{3^{(\times 3)}} = \frac{3}{9}$$

b. $\frac{11}{12} - \frac{1}{2} = \frac{11}{12} - \frac{6}{12} = \frac{11-6}{12} = \frac{5}{12}$

$$\frac{1^{(\times 6)}}{2^{(\times 6)}} = \frac{6}{12}$$

c. $\frac{2}{3} - \frac{1}{6} = \frac{4}{6} - \frac{1}{6} = \frac{4-1}{6} = \frac{3}{6} \stackrel{(\div 3)}{=} \frac{1}{2}$

$$\frac{2^{(\times 2)}}{3^{(\times 2)}} = \frac{4}{6}$$

d. $\frac{3}{4} - \frac{9}{16} = \frac{12}{16} - \frac{9}{16} = \frac{12-9}{16} = \frac{3}{16}$

$$\frac{3^{(\times 4)}}{4^{(\times 4)}} = \frac{12}{16}$$

e. $\frac{10}{10} - \frac{2}{5} = \frac{10}{10} - \frac{4}{10} = \frac{10-4}{10} = \frac{6}{10} \stackrel{(\div 2)}{=} \frac{3}{5}$

$$\frac{2^{(\times 2)}}{5^{(\times 2)}} = \frac{4}{10}$$

f. $\frac{15}{15} - \frac{3}{5} = \frac{15}{15} - \frac{9}{15} = \frac{15-9}{15} = \frac{6}{15} \stackrel{(\div 3)}{=} \frac{2}{5}$

$$\frac{3^{(\times 3)}}{5^{(\times 3)}} = \frac{9}{15}$$

g. * $1 - \frac{3}{9} = \frac{9}{9} - \frac{3}{9} = \frac{9-3}{9} = \frac{6}{9} \stackrel{(\div 3)}{=} \frac{2}{3}$

$$1 = \frac{9}{9}$$