

1. Find the difference. Write the answer and show your work. Simplify your answer, if possible.

$$a. \frac{5}{6} - \frac{1}{3} = \frac{9}{18} = \frac{1}{2}$$

$$\frac{5 \times 3}{6 \times 3} = \frac{15}{18} \quad \frac{1 \times 6}{3 \times 6} = \frac{6}{18}$$

$$\frac{15}{18} - \frac{6}{18} = \frac{9}{18} \xrightarrow{\div 9} \frac{1}{2}$$

$$b. \frac{2}{3} - \frac{1}{2} = \frac{1}{6}$$

$$\frac{2 \times 2}{3 \times 2} = \frac{4}{6} \quad \frac{1 \times 3}{2 \times 3} = \frac{3}{6}$$

$$\frac{4}{6} - \frac{3}{6} = \frac{1}{6}$$

$$c. \frac{5}{6} - \frac{1}{4} = \frac{14}{24} = \frac{7}{12}$$

$$\frac{5 \times 4}{6 \times 4} = \frac{20}{24} \quad \frac{1 \times 6}{4 \times 6} = \frac{6}{24}$$

$$\frac{20}{24} - \frac{6}{24} = \frac{14}{24} \xrightarrow{\div 2} \frac{7}{12}$$

$$d. \frac{4}{5} - \frac{1}{2} = \frac{3}{10}$$

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

$$\frac{8}{10} - \frac{5}{10} = \frac{3}{10}$$

$$e. \frac{2}{3} - \frac{2}{5} = \frac{4}{15}$$

$$\frac{2 \times 5}{3 \times 5} = \frac{10}{15} \quad \frac{2 \times 3}{5 \times 3} = \frac{6}{15}$$

$$\frac{10}{15} - \frac{6}{15} = \frac{4}{15}$$

$$f. \frac{5}{7} - \frac{2}{3} = \frac{1}{21}$$

$$\frac{5 \times 3}{7 \times 3} = \frac{15}{21} \quad \frac{2 \times 7}{3 \times 7} = \frac{14}{21}$$

$$\frac{15}{21} - \frac{14}{21} = \frac{1}{21}$$

We completed this assignment together:

Equivalent Fractions (B) Answers

Instructions: Find the missing numbers in the equivalent fractions below.

$$\frac{2 \times 2}{3 \times 2} = \frac{4}{6}$$

$$\frac{4 \times 2}{8 \times 2} = \frac{8}{16}$$

$$\frac{4 \times 4}{11 \times 4} = \frac{16}{44}$$

$$\frac{3 \times 3}{7 \times 3} = \frac{9}{21}$$

$$\frac{1 \times 3}{2 \times 3} = \frac{3}{6}$$

$$\frac{1 \times 5}{3 \times 5} = \frac{5}{15}$$

$$\frac{7 \times 5}{12 \times 5} = \frac{35}{60}$$

$$\frac{2 \times 5}{10 \times 5} = \frac{10}{50}$$

$$\frac{3 \times 5}{9 \times 5} = \frac{15}{45}$$

$$\frac{6 \times 2}{9 \times 2} = \frac{12}{18}$$

$$\frac{3 \times 4}{12 \times 4} = \frac{12}{48}$$

$$\frac{4 \times 5}{6 \times 5} = \frac{20}{30}$$

$$\frac{5 \times 3}{8 \times 3} = \frac{15}{24}$$

$$\frac{1 \times 4}{10 \times 4} = \frac{4}{40}$$

$$\frac{3 \times 4}{7 \times 4} = \frac{12}{28}$$

$$\frac{2 \times 4}{4 \times 4} = \frac{8}{16}$$

$$\frac{5 \times 3}{11 \times 3} = \frac{15}{33}$$

$$\frac{4 \times 4}{5 \times 4} = \frac{16}{20}$$

$$\frac{4 \times 5}{7 \times 5} = \frac{20}{35}$$

$$\frac{4 \times 3}{6 \times 3} = \frac{12}{18}$$

$$\frac{1 \times 4}{2 \times 4} = \frac{4}{8}$$

$$\frac{2 \times 2}{5 \times 2} = \frac{4}{10}$$

$$\frac{3 \times 4}{5 \times 4} = \frac{12}{20}$$

$$\frac{2 \times 3}{3 \times 3} = \frac{6}{9}$$