

## +/- Fractions Quiz

/8

Name: KEY  
Block: \_\_\_\_\_

$$a) \frac{\frac{2}{3} + \frac{1}{5}}{\frac{3}{5} \times 3} = \frac{10}{15} + \frac{3}{15} = \frac{13}{15}$$

$$b) 1\frac{5}{7} - \frac{6}{7} = \frac{12}{7} - \frac{6}{7} = \frac{6}{7}$$

$$c) 2\frac{3}{9} + 1\frac{5}{7} = \frac{2 \overset{1 \times 7}{\times 7}}{\overset{9 \times 7}{9 \times 7}} + \frac{1 \overset{2 \times 9}{\times 9}}{\overset{7 \times 9}{7 \times 9}}$$

$$d) \frac{11}{8} + 3\frac{3}{4} - 1\frac{1}{6} + \frac{5}{2} = \frac{11 \times 3}{8 \times 3} + \frac{15 \times 6}{4 \times 6} - \frac{7 \times 4}{6 \times 4} + \frac{5 \times 12}{2 \times 12}$$

$$= \frac{147}{63} + \frac{108}{63}$$

$$= \frac{33}{24} + \frac{90}{24} - \frac{28}{24} + \frac{60}{24}$$

$$= \frac{255}{63} = 4\frac{3}{63} = 4\frac{1}{21}$$

$$= \frac{123}{24} - \frac{28}{24} + \frac{60}{24}$$
$$= \frac{95}{24} + \frac{60}{24}$$

$$= \frac{155}{24} = 6\frac{11}{24}$$