

~~HW: IXL Assignment (on Google Classroom)~~

Warm up:

Evaluate.

1)

$$\frac{2}{4} + \frac{1}{4}$$

$$\frac{3}{4}$$

2)

$$\frac{5}{9} + \frac{3}{9}$$

$$\frac{8}{9}$$

3)

$$\frac{6}{7} - \frac{2}{7}$$

$$\frac{4}{7}$$

$$3 \times \frac{2}{3} + \frac{5}{9}$$

$$\frac{6}{9} + \frac{5}{9} = \frac{11}{9} = \left(1 \frac{2}{9}\right)$$

To add or subtract fractions, you need a...

least
common
denominator

$$\frac{6 \times 6}{7 \times 6} - \frac{5 \times 7}{6 \times 7}$$

$$\frac{36}{42} - \frac{35}{42} = \frac{1}{42}$$

$$\frac{3}{1} - \frac{5}{8}$$

$$\frac{24}{8} - \frac{5}{8} = \frac{19}{8} = 2\frac{3}{8}$$

$$3\frac{1}{2} + \frac{4}{5}$$

$$\frac{35}{10} + \frac{8}{10} = \frac{43}{10} = 4\frac{3}{10}$$

$$2\frac{3}{4} + 1\frac{2}{3}$$

$$\frac{11}{4} + \frac{5}{3}$$

$$\frac{33}{12} + \frac{20}{12} = \frac{53}{12} = 4\frac{5}{12}$$

$$\begin{array}{r} 2 \\ \times 33 \\ \hline 231 \end{array}$$

$$\begin{array}{r} 3 \\ \times 26 \\ \hline 130 \end{array}$$

$$\begin{array}{r} \times 35 \\ 70 \\ \hline 101 \\ 31 \end{array}$$

$$6\frac{3}{5} - 3\frac{5}{7}$$

$$\frac{33}{5} - \frac{26}{7}$$

$$\frac{231}{35} - \frac{130}{35} = \frac{101}{35} = 2\frac{31}{35}$$

$$1) \quad \frac{5}{8} + \frac{3}{7}$$

$$2) \quad \frac{7}{9} - \frac{1}{2}$$

$$3) \quad 2\frac{5}{6} + 3\frac{1}{8}$$

$$4) \quad 3\frac{1}{4} - 1\frac{7}{9}$$

1)

$$\frac{5}{8} + \frac{3}{7}$$

$$\frac{35}{56} + \frac{24}{56} = \frac{59}{56} = 1\frac{3}{56}$$

2)

$$\frac{7}{9} - \frac{1}{2}$$

$$\frac{14}{18} - \frac{9}{18} = \frac{5}{18}$$

3)

$$2\frac{5}{6} + 3\frac{1}{8}$$

$$\begin{array}{r} \times 24 \\ 5 \\ \hline 120 \end{array}$$

$$\frac{17}{6} + \frac{25}{8}$$

$$\frac{68}{24} + \frac{75}{24} = \frac{143}{24} =$$

$$5\frac{23}{24}$$

4)

$$3\frac{1}{4} - 1\frac{7}{9}$$

$$\begin{array}{r} 117 \\ - 64 \\ \hline 53 \end{array}$$

$$\frac{13}{4} - \frac{16}{9}$$

$$\frac{117}{36}$$

$$- \frac{64}{36}$$

$$= \frac{53}{36}$$

$$= \left(1\frac{17}{36} \right)$$

$$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \\ 36 \\ - 17 \\ \hline 19 \end{array}$$

