Add and Subtract Mixed Numbers With Like Denominators - Guided Lesson Explanation:

Explanation to #1

A. Subtract. Remember to subtract whole numbers from whole numbers and fractions from fractions.

$$12\frac{6}{7} \ - \ 10\frac{4}{7} \ = 2\frac{2}{7}$$

Now simplify.

This answer is in simplest form.

B.Subtract. Remember to subtract the whole numbers from whole numbers and the fractions from fractions.

$$14\frac{6}{5} \ - \ \frac{2}{5} \ = 14\frac{4}{5}$$

This answer is in simplest form.

Explanation to #2

a. Add. Remember to add whole numbers to whole numbers and fractions to fractions.

$$\frac{1}{8} \ + \ 2\frac{2}{8} \ = 2\frac{3}{8}$$

This answer is in simplest form.

b) Add. Remember to add whole numbers to whole numbers and fractions to fractions.

$$\frac{1}{9} \ + \ 11\frac{6}{9} \ = 11\frac{7}{9}$$

This answer is in simplest form.

Explanation to #3

Find the missing numbers by rearranging the equations.

a) $6\dfrac{5}{9}$ - $6\dfrac{2}{9}$ = $\dfrac{3}{9}$

The missing numbers is 3.

b) $4\dfrac{7}{3}$ - $\dfrac{2}{3}$ = $4\dfrac{5}{3}$

The missing numbers is 5.