1) Use the bar models to help find a common denominator, then complete the calculations.
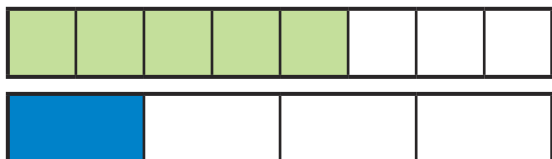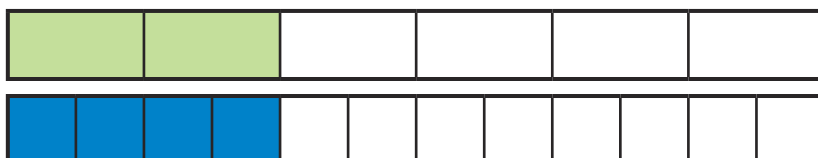
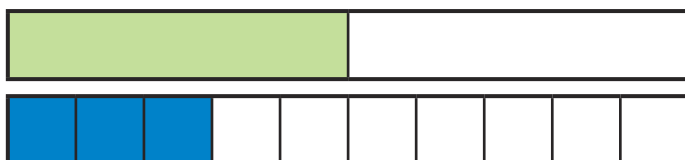**a)** $\frac{5}{8} + \frac{1}{4} =$ _____
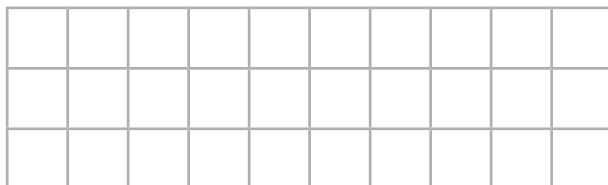
b) $\frac{2}{6} + \frac{4}{12} =$ _____

c) $\frac{1}{2} + \frac{3}{10} =$ _____

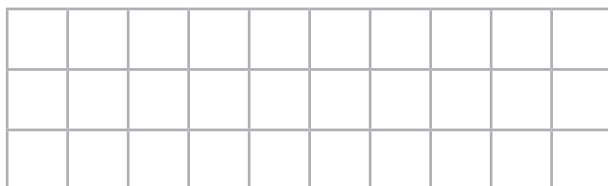**2)** Now answer these calculations. You can draw your own bar models to help you.

a) $\frac{1}{3} + \frac{4}{9} =$ _____

b) $\frac{3}{5} + \frac{3}{10} =$ _____

c) $\frac{3}{4} + \frac{1}{8} =$ _____
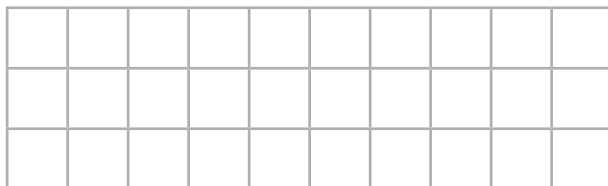
1) Are these statements true or false? Prove it!

a) $\frac{2}{8} + \frac{1}{4} = \frac{3}{12}$

___

b) $\frac{4}{7} + \frac{2}{14} = \frac{10}{14}$

___

c) $\frac{2}{5} + \frac{3}{15} = \frac{9}{15}$

___

d) $\frac{2}{12} + \frac{2}{3} = \frac{4}{15}$

___

2) Harvey and Jaques are having a pizza which is cut into 12 slices. Harvey eats $\frac{2}{6}$ and Jaques eats $\frac{1}{4}$. How many slices of the pizza did they each eat and who ate the most?
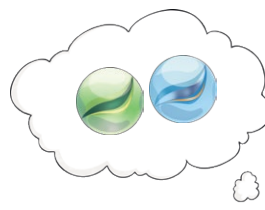
1) Abbie is sorting her tin of marbles.

$\frac{2}{12}$ are green.

$\frac{1}{6}$ are blue.

$\frac{1}{3}$ are white.

The remainder of the marbles are red and yellow.

What fraction could be red and what fraction could be yellow? Find all the possibilities.

2) $\frac{4}{?} + \frac{?}{10} = \frac{8}{?}$

Find 3 possible solutions.