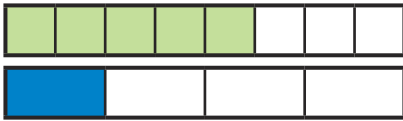


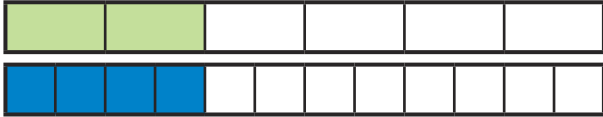
- 1) Use the bar models to help find a common denominator, copy and complete the calculations.



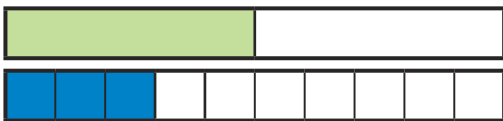
a) $\frac{5}{8} + \frac{1}{4}$



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) $\frac{3}{5} + \frac{3}{10}$

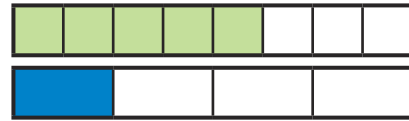
c) $\frac{3}{4} + \frac{1}{8}$

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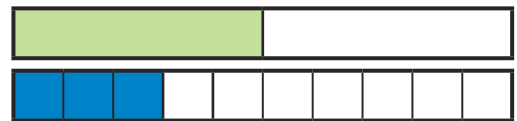
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- 1) Are these statements true or false? Prove it!



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?



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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.



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