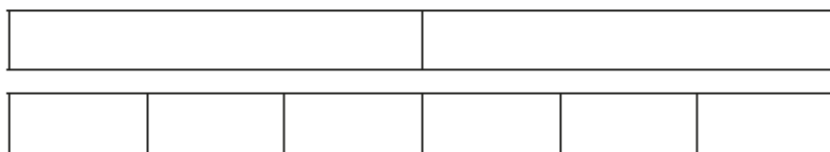L.O. To add fractions

1. Complete the additions.

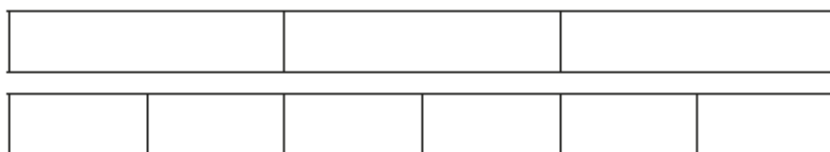   Use the bar models to help you.

    a)
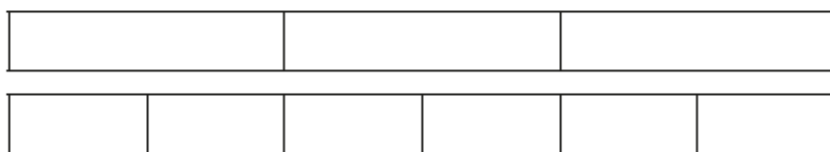
    $\frac{1}{2} + \frac{1}{6} =$ ☐

    b)

    $\frac{1}{3} + \frac{1}{6} =$ ☐

    c)

    $\frac{2}{3} + \frac{1}{6} =$ ☐

2. Match the additions that have the same answer.

    $\frac{3}{4} + \frac{1}{12}$ $\frac{10}{12} + \frac{1}{12}$

    $\frac{2}{3} + \frac{1}{12}$ $\frac{6}{12} + \frac{1}{12}$
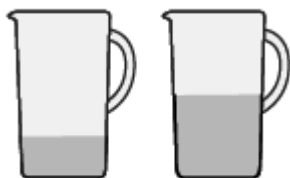
    $\frac{5}{6} + \frac{1}{12}$ $\frac{9}{12} + \frac{1}{12}$

    $\frac{1}{2} + \frac{1}{12}$ $\frac{8}{12} + \frac{1}{12}$

3.   Here are two jugs.

One jug contains $\frac{5}{18}$ litres of water.

The other jug contains $\frac{4}{9}$ litres of water.

How many litres of water are there altogether?

4.   a) Complete the calculations.

$\frac{1}{5} + \frac{1}{10} = \boxed{}$

$\frac{2}{5} + \frac{1}{10} = \boxed{}$

$\frac{3}{5} + \frac{1}{10} = \boxed{}$

$\frac{4}{5} + \frac{1}{10} = \boxed{}$

$\frac{1}{16} + \frac{5}{32} = \boxed{}$

$\frac{1}{8} + \frac{5}{32} = \boxed{}$

$\frac{1}{4} + \frac{5}{32} = \boxed{}$

$\frac{1}{2} + \frac{5}{32} = \boxed{}$

b) Can you spot any patterns?

c) What calculation would come next in each set?

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