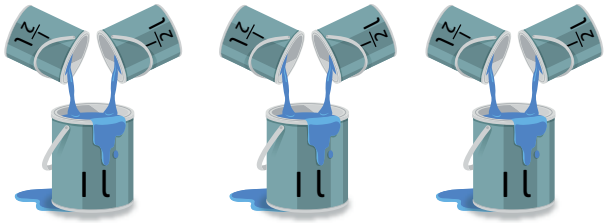
Example:

b) Sofia has 6 half litres of paint.



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

$\frac{6}{2}$ l = 3 l

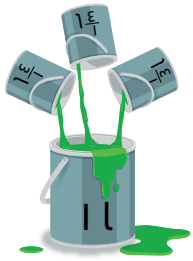
l + l + l

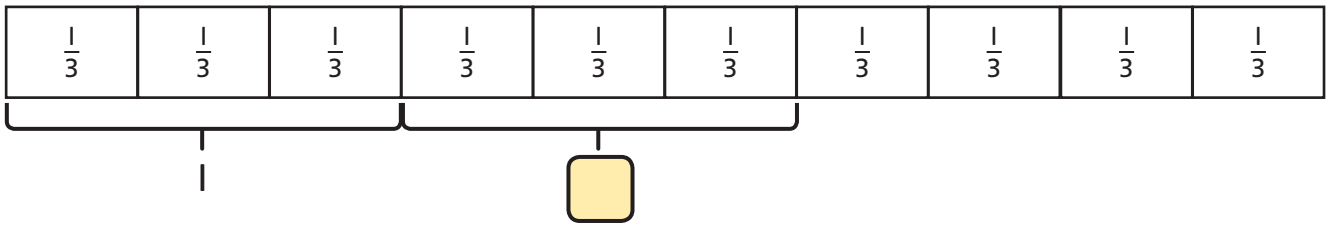
Sofia has 3 litres of paint now.

Think together

1 The hallway will be painted green. Green paint comes in cans of $\frac{1}{3}$ litre.

Sofia uses 10 cans. How much green paint does she use in total?





$\frac{10}{3} = \square\frac{\square}{3}$

Sofia uses $\square\frac{\square}{\square}$ litres of green paint in total.

2 Convert these improper fractions into mixed numbers.

a) $\frac{5}{4} = \square\frac{\square}{\square}$ b) $\frac{13}{4} = \square\frac{\square}{\square}$ c) $\frac{15}{4} = \square\frac{\square}{\square}$ d) $\frac{41}{4} = \square\frac{\square}{\square}$

3 Complete each set. What stays the same and what changes? Explain the patterns of answers.

CHALLENGE

a) $\frac{17}{6} = \square\frac{\square}{\square}$

$\frac{18}{6} = \square\frac{\square}{\square}$

$\frac{19}{6} = \square\frac{\square}{\square}$

$\frac{20}{6} = \square\frac{\square}{\square}$

$\frac{21}{6} = \square\frac{\square}{\square}$

$\frac{22}{6} = \square\frac{\square}{\square}$

$\frac{23}{6} = \square\frac{\square}{\square}$

b) $\frac{24}{4} = \square\frac{\square}{\square}$

$\frac{24}{5} = \square\frac{\square}{\square}$

$\frac{24}{6} = \square\frac{\square}{\square}$

$\frac{24}{7} = \square\frac{\square}{\square}$

$\frac{24}{8} = \square\frac{\square}{\square}$

$\frac{24}{9} = \square\frac{\square}{\square}$

$\frac{24}{10} = \square\frac{\square}{\square}$

I wonder if some answers can be written in different ways.

I think I can simplify some of the fractions.

→ Practice book 5B p45