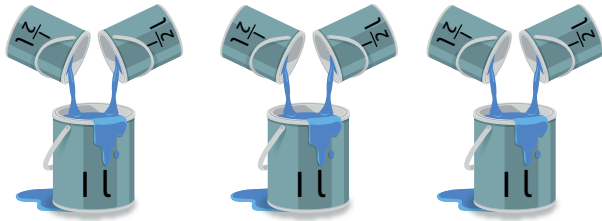


Example:



b) Sofia has 6 half litres of paint.

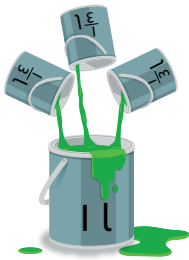


$$\begin{array}{ccccccc} \frac{1}{2} & + & \frac{1}{2} & + & \frac{1}{2} & + & \frac{1}{2} \\ \underbrace{\hspace{1.5cm}} & & \underbrace{\hspace{1.5cm}} & & \underbrace{\hspace{1.5cm}} & & \\ | & + & | & + & | & & \\ & & & & & & \frac{6}{2} \text{ l} = 3 \text{ l} \end{array}$$

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.



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



I think I can simplify some of the fractions.

