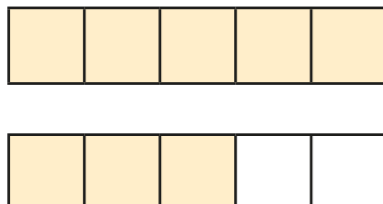
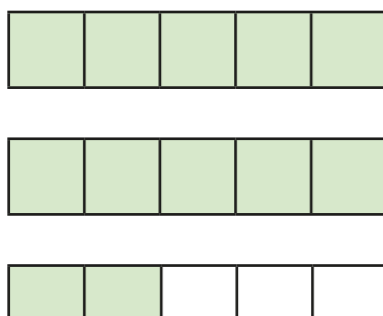
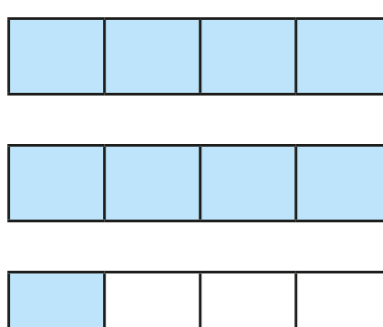


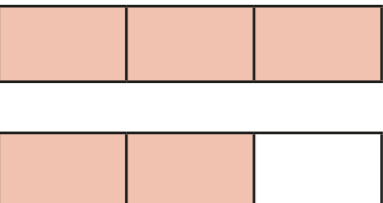
Improper to mixed numbers

1 Convert the improper fractions to mixed numbers.

a)  $\frac{8}{5} = 1\frac{3}{5}$

b)  $\frac{12}{5} = 2\frac{2}{5}$

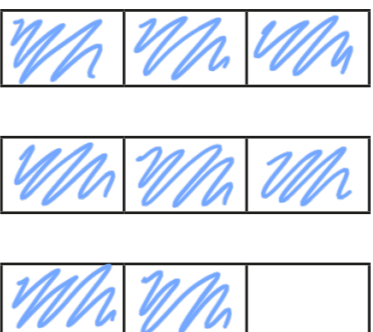
c)  $\frac{9}{4} = 2\frac{1}{4}$

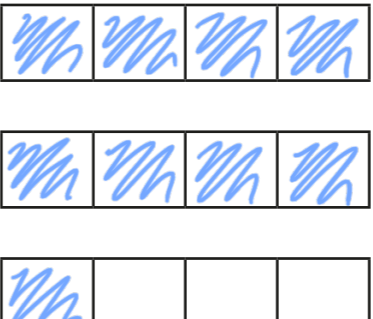
d)  $\frac{5}{3} = 1\frac{2}{3}$



2 Shade the bar models to represent each improper fraction. Convert the improper fractions to mixed numbers.

a)  $\frac{7}{3} = 2\frac{1}{3}$

b)  $\frac{8}{3} = 2\frac{2}{3}$

c)  $\frac{9}{4} = 2\frac{1}{4}$

d)  $\frac{11}{4} = 2\frac{3}{4}$



3 Convert the improper fractions to mixed numbers.

a) $\frac{10}{2} = 5$

e) $\frac{12}{5} = 2\frac{2}{5}$

b) $\frac{10}{3} = 3\frac{1}{3}$

f) $\frac{13}{6} = 2\frac{1}{6}$

c) $\frac{10}{4} = 2\frac{1}{2}$

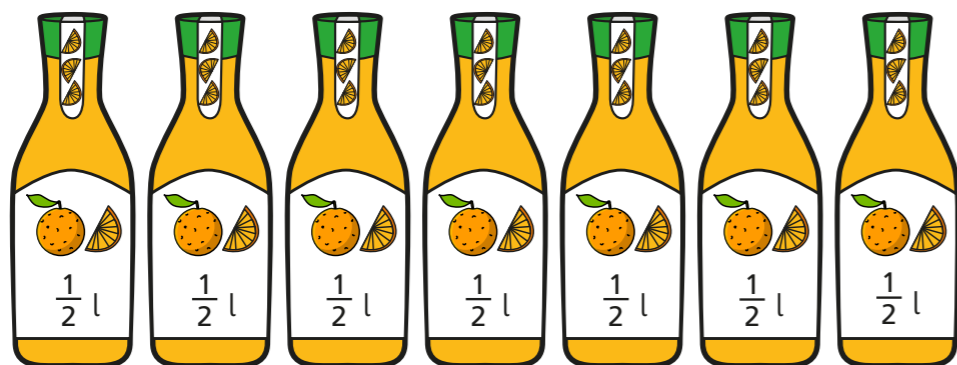
g) $\frac{13}{7} = 1\frac{6}{7}$

d) $\frac{10}{5} = 2$

h) $\frac{31}{8} = 3\frac{7}{8}$

4 Eva has 7 bottles of juice.

Each bottle contains half a litre of juice.

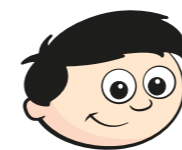


How many litres of juice does Eva have altogether?

Write your answer as a mixed number.

$3\frac{1}{2} \text{ l}$

5 Dexter is converting improper fractions.



$\frac{32}{3} = 3\frac{2}{3}$

Explain why Dexter is incorrect.

6 Find the value of ●

$\frac{27}{5} = \text{●} \frac{2}{5}$

● = 5

7 Find two possible values for ★ and ▲

$\frac{30}{\text{★}} = \text{▲} \frac{2}{\text{★}}$

★ = 14

▲ = 2

★ = 7

▲ = 4