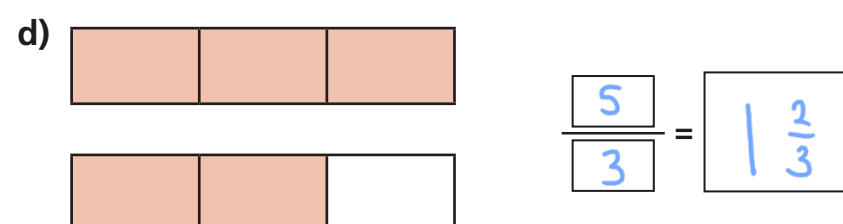
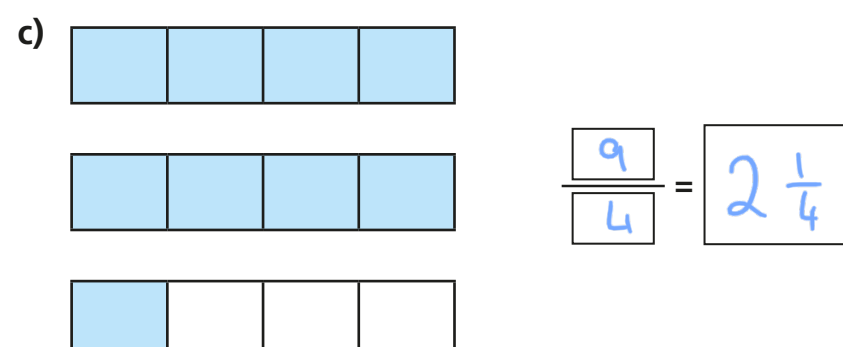
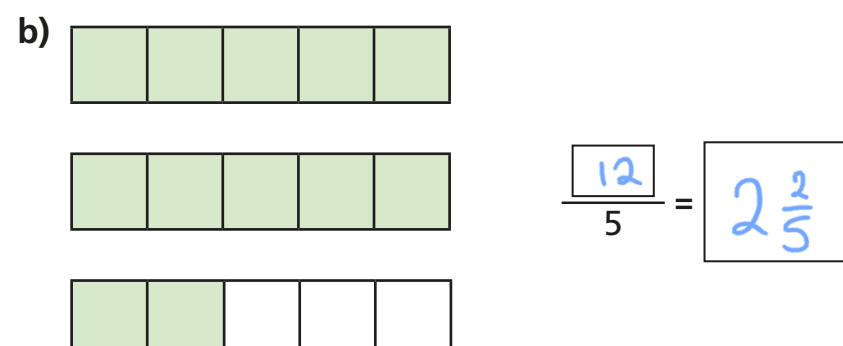
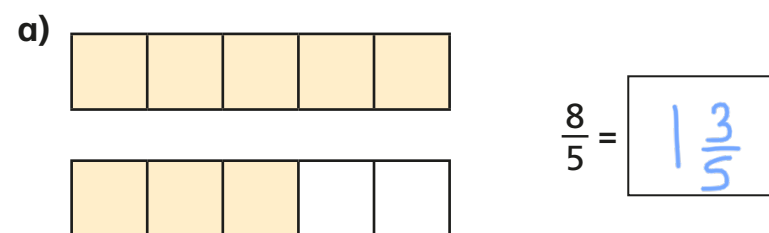


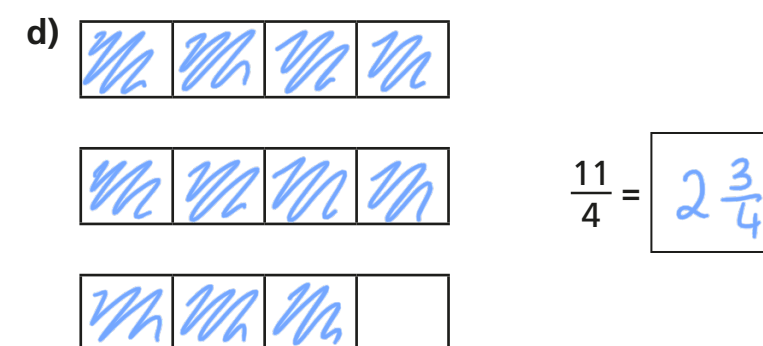
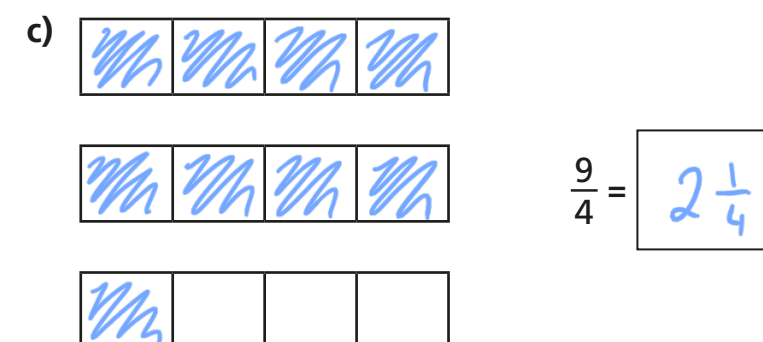
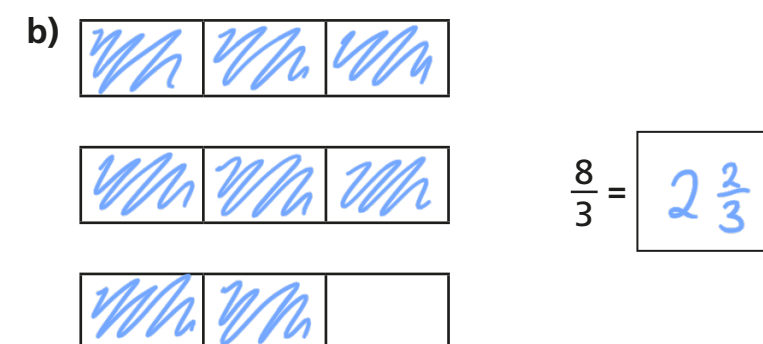
Improper to mixed numbers



1 Convert the improper fractions to mixed numbers.



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



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

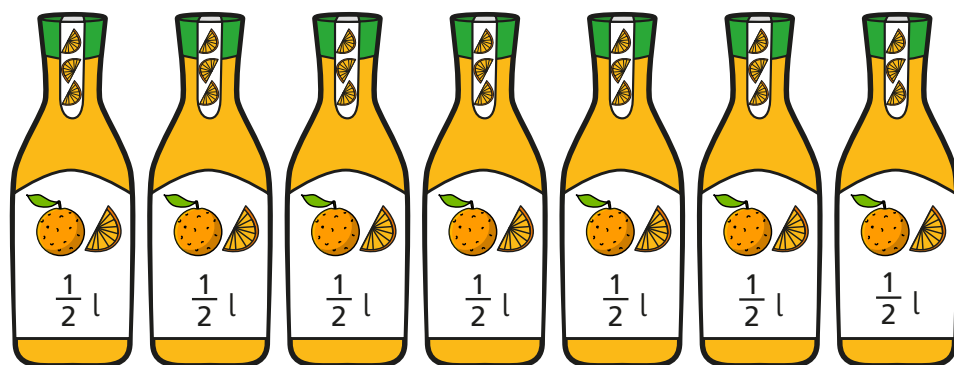
g) $\frac{13}{7} =$ $1\frac{6}{7}$

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.

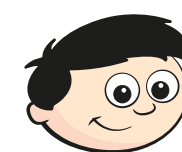


How many litres of juice does Eva have altogether?

Write your answer as a mixed number.

$3\frac{1}{2}$ L

5 Dexter is converting improper fractions.



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

Explain why Dexter is incorrect.

6 Find the value of ●

$\frac{27}{\text{●}} = \text{●} \frac{2}{\text{●}}$

● = 5

7 Find two possible values for ★ and ▲

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

★ = 14

▲ = 2

★ = 7

▲ = 4