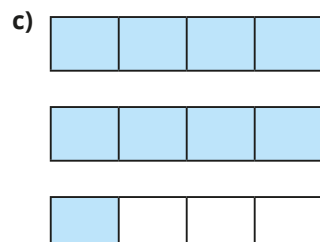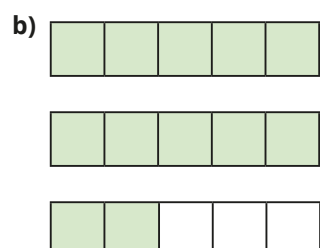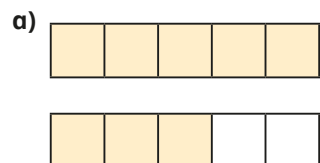**1** Convert the improper fractions to mixed numbers.

a)

b)

c)

d)

2 Shade bar models to represent each improper fraction.

Convert the improper fractions to mixed numbers.

a) $\dfrac{7}{3}$ b) $\dfrac{8}{3}$ c) $\dfrac{9}{4}$ d) $\dfrac{11}{4}$

3 Convert the improper fractions to mixed numbers.

a) $\dfrac{10}{2}$ c) $\dfrac{10}{4}$ e) $\dfrac{12}{5}$ g) $\dfrac{13}{7}$
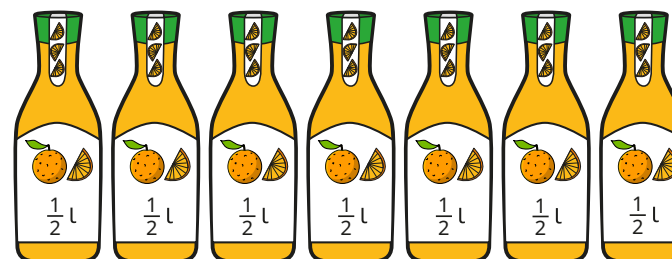
b) $\dfrac{10}{3}$ d) $\dfrac{10}{5}$ f) $\dfrac{13}{6}$ h) $\dfrac{31}{8}$
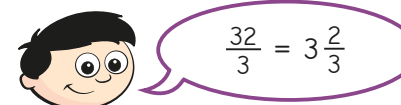
4 Eva has 7 bottles of juice.

Each bottle contains half a litre of juice.

How many litres of juice does Eva have altogether?

Write your answer as a mixed number.

5 Dexter is converting improper fractions.

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

Explain why Dexter is incorrect.

6 Find the value of ⬤

$$\frac{27}{⬤} = ⬤ \frac{2}{⬤}$$

7 Find two possible values for ⭐ and ▲

$$\frac{30}{⭐} = ▲ \frac{2}{⭐}$$