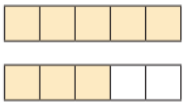
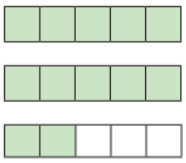
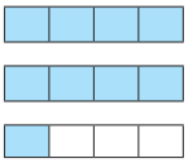
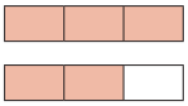
Improper to mixed numbers

1 Convert the improper fractions to mixed numbers.

a)  $\frac{8}{5} = \square$

b)  $\frac{\square}{5} = \square$

c)  $\frac{\square}{\square} = \square$

d)  $\frac{\square}{\square} = \square$

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

a) $\frac{7}{3} = \square$

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

c) $\frac{9}{4} = \square$

d) $\frac{11}{4} = \square$

3 Convert the improper fractions to mixed numbers.

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

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

c) $\frac{10}{4} = \square$

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

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

f) $\frac{13}{6} = \square$

g) $\frac{13}{7} = \square$

h) $\frac{31}{8} = \square$

4 Eva has 7 bottles of juice.

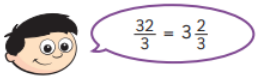
Each bottle contains half a litre of juice.

How many litres of juice does Eva have altogether?

Write your answer as a mixed number.

$\square$

5 Dexter is converting improper fractions.



Explain why Dexter is incorrect.

6 Find the value of ●

$\frac{27}{●} = ● \frac{2}{●}$

● = $\square$

7 Find two possible values for ★ and ▲

$\frac{30}{★} = ▲ \frac{2}{★}$

★ = $\square$ ▲ = $\square$

★ = $\square$ ▲ = $\square$