

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

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

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

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

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

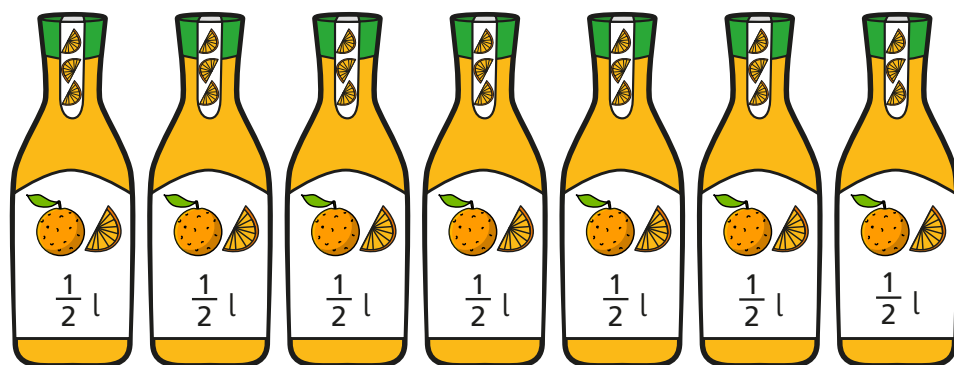
g)  $\frac{13}{7} = \square$

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

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

4 Eva has 7 bottles of juice.

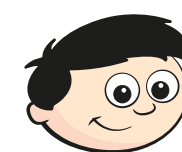
Each bottle contains half a litre of juice.



How many litres of juice does Eva have altogether?

Write your answer as a mixed number.

5 Dexter is converting improper fractions.



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

Explain why Dexter is incorrect.

6 Find the value of  $\bigcirc$

$\frac{27}{\bigcirc} = \bigcirc \frac{2}{\bigcirc}$

$\bigcirc = \square$

7 Find two possible values for  $\star$  and  $\blacktriangle$

$\frac{30}{\star} = \blacktriangle \frac{2}{\star}$

$\star = \square$

$\blacktriangle = \square$

$\star = \square$

$\blacktriangle = \square$