

Improper fractions to mixed numbers

1

Convert the improper fractions to mixed numbers.

a)



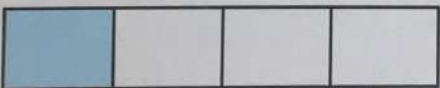
$$\frac{8}{5} = \boxed{}$$

b)



$$\frac{\boxed{}}{5} = \boxed{}$$

c)



$$\frac{\boxed{}}{\boxed{}} = \boxed{}$$

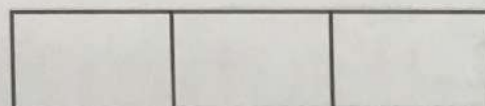
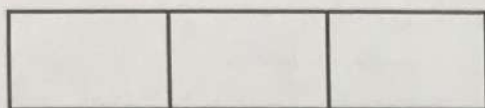
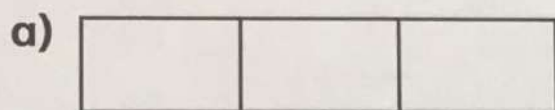
d)



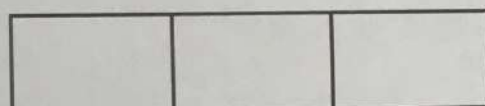
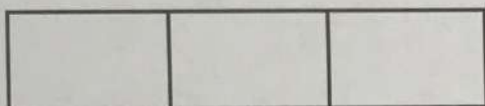
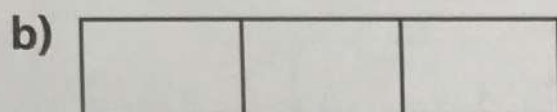
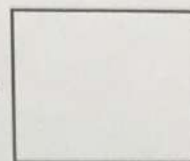
$$\frac{\boxed{}}{\boxed{}} = \boxed{}$$

2

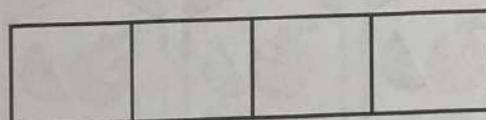
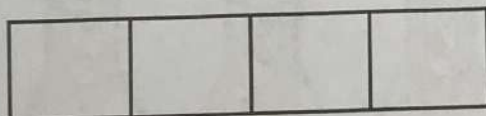
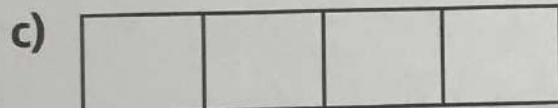
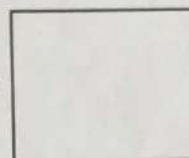
Shade the bar models to represent each improper fraction.
Convert the improper fractions to mixed numbers.



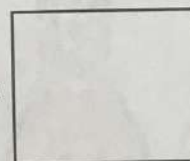
$$\frac{7}{3} =$$



$$\frac{8}{3} =$$



$$\frac{9}{4} =$$



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 ●

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

$$\bullet = \boxed{}$$

7

Find two possible values for ★ and ▲

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

$$\star = \boxed{}$$

$$\blacktriangle = \boxed{}$$

$$\star = \boxed{}$$

$$\blacktriangle = \boxed{}$$