

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

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

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

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

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

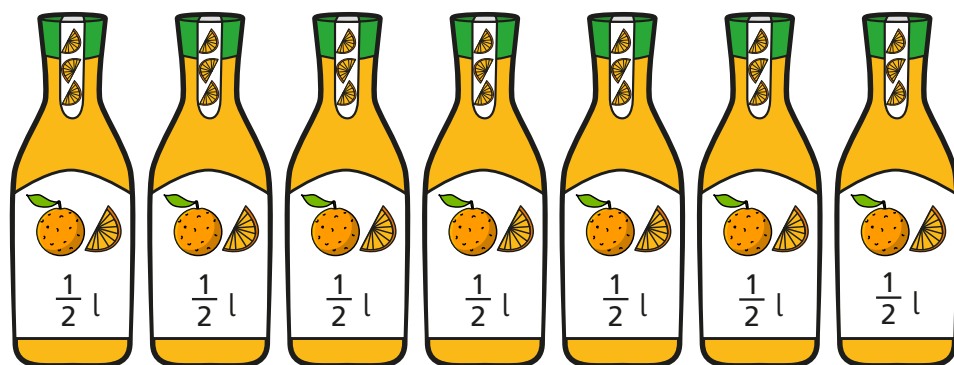
g) $\frac{13}{7} =$

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

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

4 Eva has 7 bottles of juice.

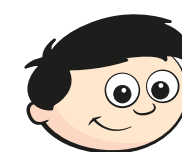
Each bottle contains half a litre of juice.



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 .

$\frac{27}{\text{yellow circle}} = \text{yellow circle} \frac{2}{\text{yellow circle}}$

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7 Find two possible values for  and .

$\frac{30}{\text{red star}} = \text{red triangle} \frac{2}{\text{red star}}$

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