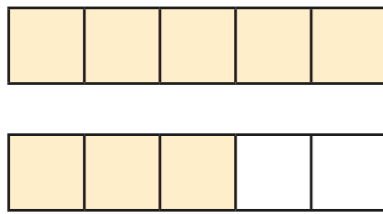
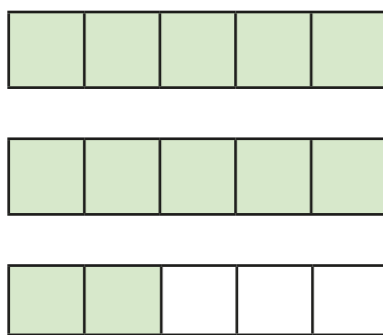


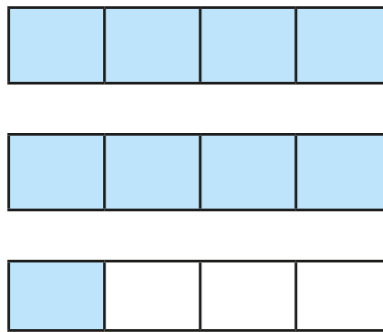
Improper to mixed numbers

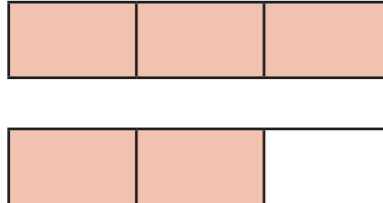


1 Convert the improper fractions to mixed numbers.

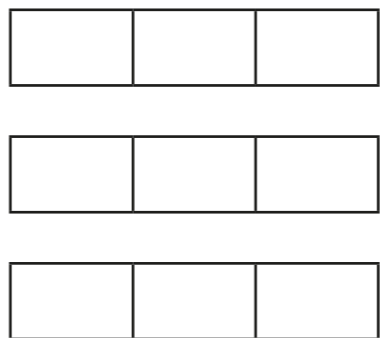
a)  $\frac{8}{5} = \square$

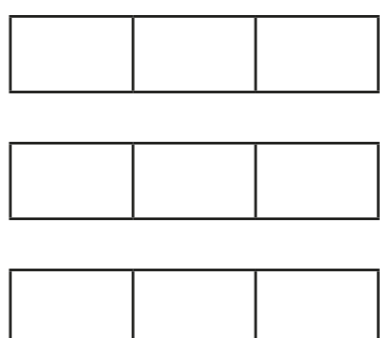
b)  $\frac{\square}{5} = \square$

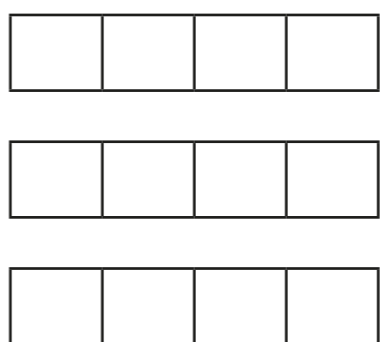
c)  $\frac{\square}{\square} = \square$

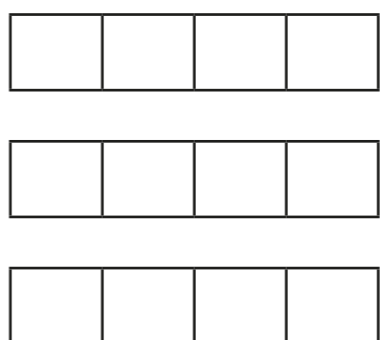
d)  $\frac{\square}{\square} = \square$

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

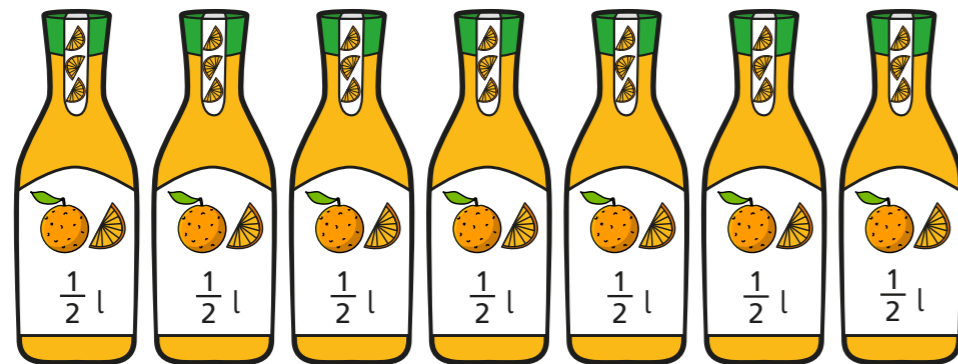
g) $\frac{13}{7} = \square$

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

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

4 Eva has 7 bottles of juice.

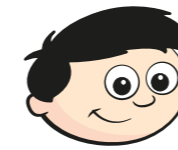
Each bottle contains half a litre of juice.



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 \odot

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

$\odot = \square$

7 Find two possible values for \star and \blacktriangle

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

$\star = \square$

$\blacktriangle = \square$

$\star = \square$

$\blacktriangle = \square$