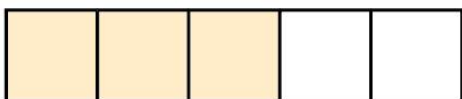
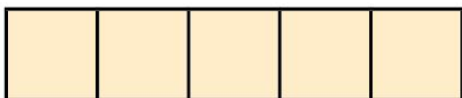


Improper to mixed numbers

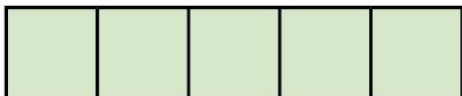
1 Convert the improper fractions to mixed numbers.

a)



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

b)

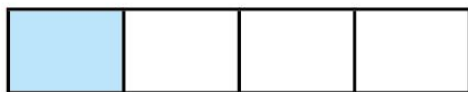
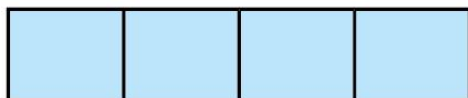


$$\frac{\square}{5} = \square$$



1

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)

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--	--	--

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

b)

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--	--	--

--	--	--

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

2

c)

--	--	--	--

--	--	--	--

--	--	--	--

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

d)

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--	--	--	--

--	--	--	--

$$\frac{11}{4} = \boxed{}$$

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

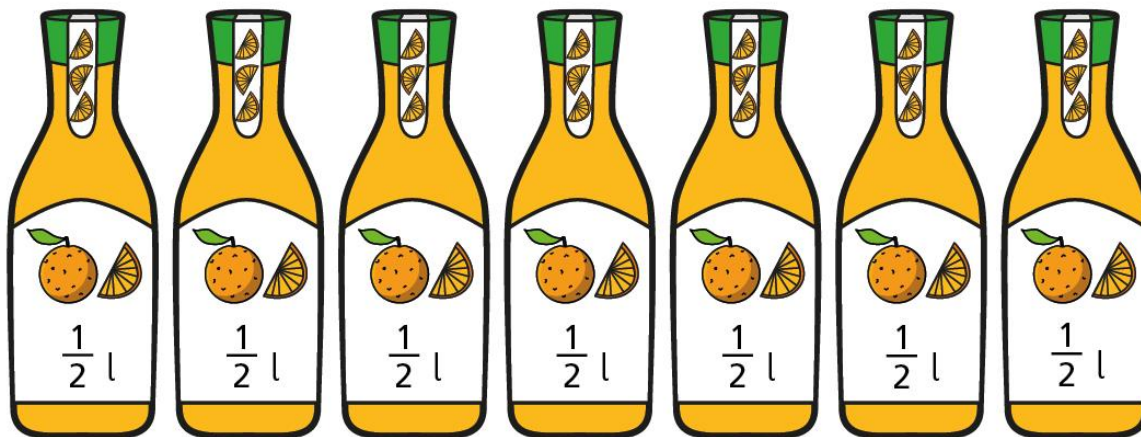
d) $\frac{10}{5} =$

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

4

Eva has 7 bottles of juice.

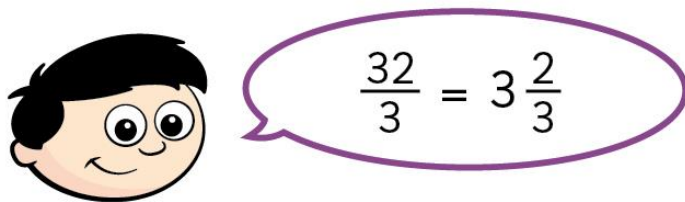
Each bottle contains half a litre of juice.



How many litres of juice does Eva have altogether?

Write your answer as a mixed number.

5 Dexter is converting improper fractions.



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 ▲

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

$$\star = \square$$

$$\triangle = \square$$

$$\star = \square$$

$$\triangle = \square$$