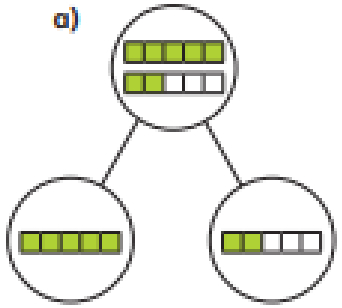
1 Complete the sentences.

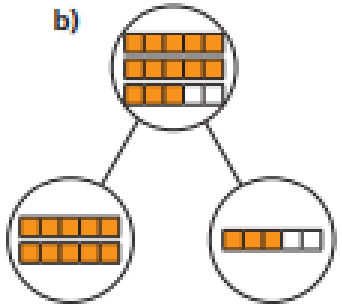
a)



There are 7 fifths altogether.

7 fifths = ☐ whole + ☐ fifths

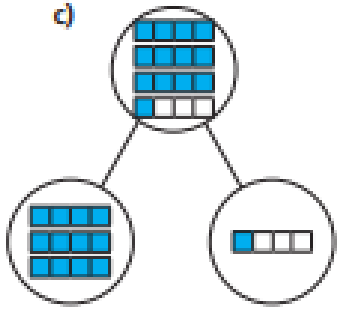
b)



There are ☐ fifths altogether.

☐ fifths = ☐ wholes + ☐ fifths

c)



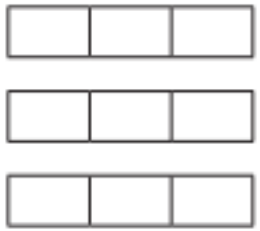
There are ☐ quarters altogeth

☐ quarters = ☐ wholes + ☐ quarter

2 Shade the bar models to represent each improper fraction.

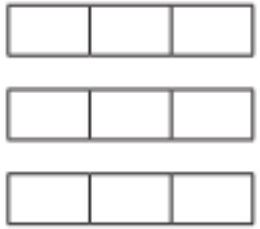
Convert the improper fractions to mixed numbers.

a)



$\frac{7}{3} =$ ☐

b)



$\frac{8}{3} =$ ☐

c)

$\frac{9}{4} =$ ☐

d)

$\frac{11}{4} =$ ☐

3 Complete the statements.

a) $\frac{12}{2} =$ ☐ wholes

b) $\frac{12}{4} =$ ☐ wholes

c) $\frac{12}{6} =$ ☐ wholes

d) $\frac{12}{3} =$ ☐ wholes

e) $\frac{15}{3} =$ ☐ wholes

f) $\frac{15}{5} =$ ☐ wholes

g) $\frac{15}{4} =$ ☐ wholes + ☐ quarters

h) $\frac{15}{2} =$ ☐ wholes + ☐ half

4 Whitney bakes 26 muffins.

Muffins are packed in boxes of 4

a) How many boxes can Whitney fill?

Whitney can fill ☐ boxes.

b) How many more muffins does Whitney need to fill another box?

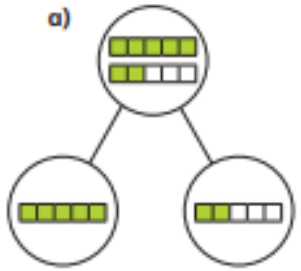
Whitney needs ☐ muffins to fill another box.

Explain how you know.

How does writing $\frac{26}{4}$ help you to answer this?

1 Complete the sentences.

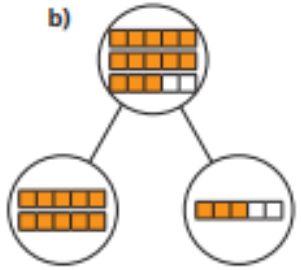
a)



There are 7 fifths altogether.

7 fifths = [1] whole + [2] fifths

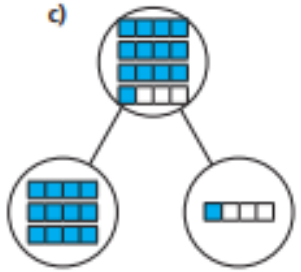
b)



There are [13] fifths altogether.

[13] fifths = [2] wholes + [3] fifths

c)



There are [13] quarters altogether.

[13] quarters = [3] wholes + [1] quarter

Convert the improper fractions to mixed numbers.

a)

$\frac{7}{3} = 2\frac{1}{3}$

b)

$\frac{8}{3} = 2\frac{2}{3}$

c)

$\frac{9}{4} = 2\frac{1}{4}$

d)

$\frac{11}{4} = 2\frac{3}{4}$

3 Convert the improper fractions to mixed numbers.

a) $\frac{10}{2} = 5$

b) $\frac{10}{3} = 3\frac{1}{3}$

c) $\frac{10}{4} = 2\frac{1}{2}$

d) $\frac{10}{5} = 2$

e) $\frac{12}{5} = 2\frac{2}{5}$

f) $\frac{13}{6} = 2\frac{1}{6}$

g) $\frac{13}{7} = 1\frac{6}{7}$

h) $\frac{31}{8} = 3\frac{7}{8}$

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.

$3\frac{1}{2}$ L