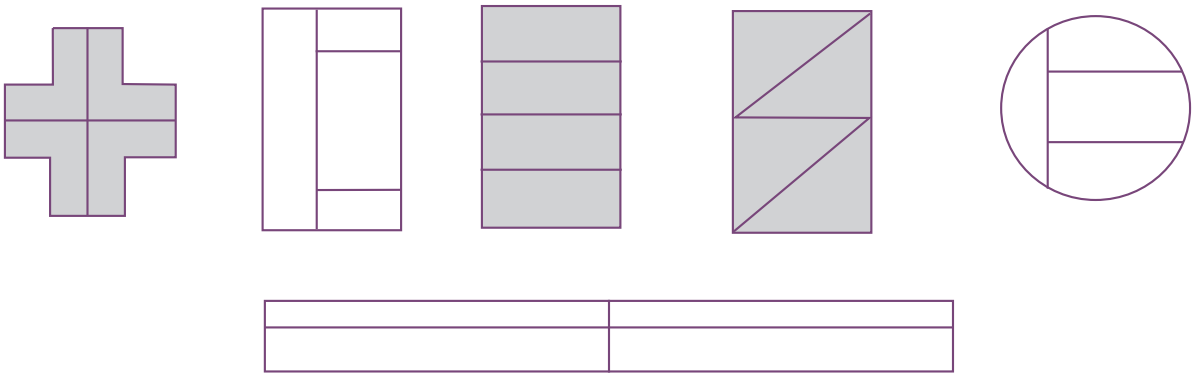
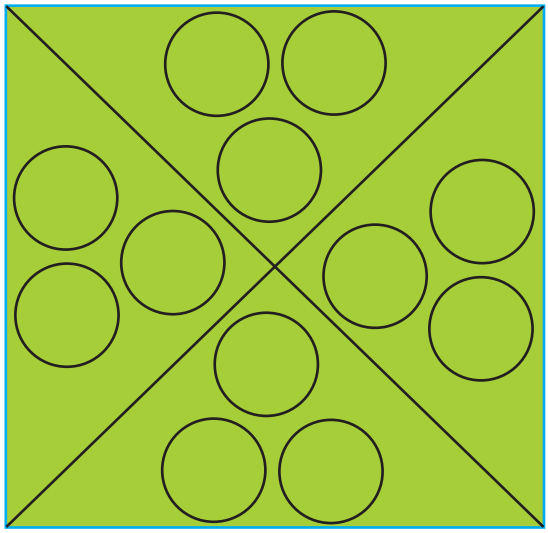
Four equal parts

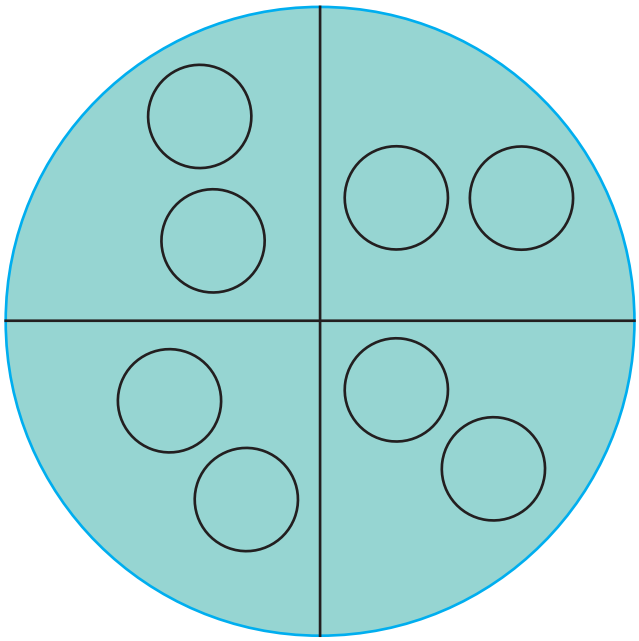
1 Colour the shapes that have been cut into **quarters**.

How do you know when there are quarters?



2 **a** Draw lines to show where you could fold each tablecloth into 4 equal parts.





b Draw 3 plates on each quarter of the tablecloth. How many plates on the whole tablecloth?

12

c Draw a total of 8 plates so there are the same number of plates on each quarter. How many on each quarter?

2

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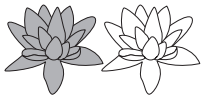
Half of a collection

1 Colour **half** of each group.

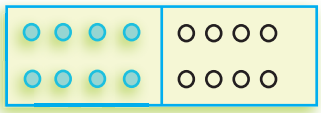
a How many in each half?  3

b How many in each half?  4

c How many in each half?  1

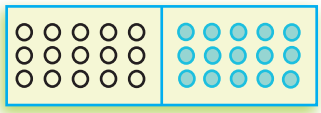
2 Half of the dots have been drawn. Draw the other half and write the totals.

a How many altogether? 16



b How many altogether? 10

c How many altogether? 30



3 Half the leaves on a branch have turned brown. Draw what the branch may look like.

4 Draw a striped pattern on one quarter of the leaves.

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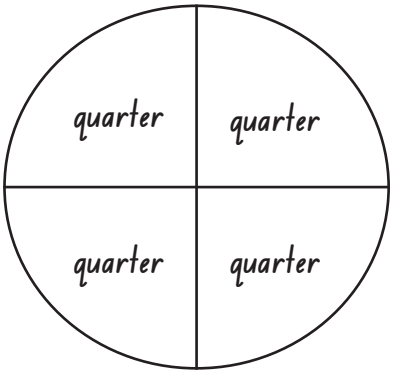
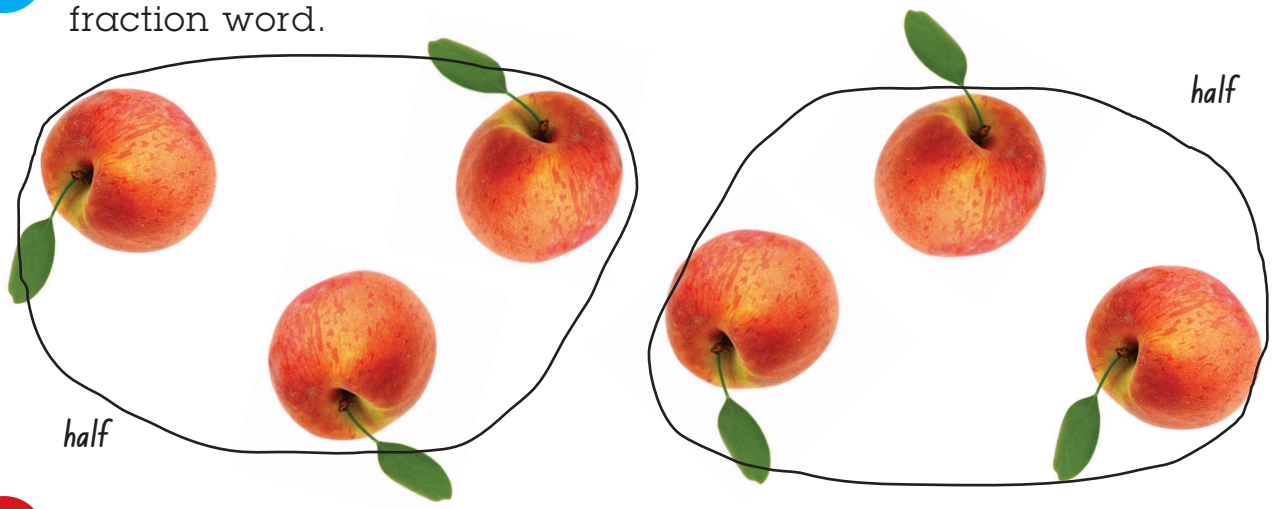
Fraction words

1 Draw an orange cut into 4 equal pieces. Write a fraction word to label each piece of the orange.

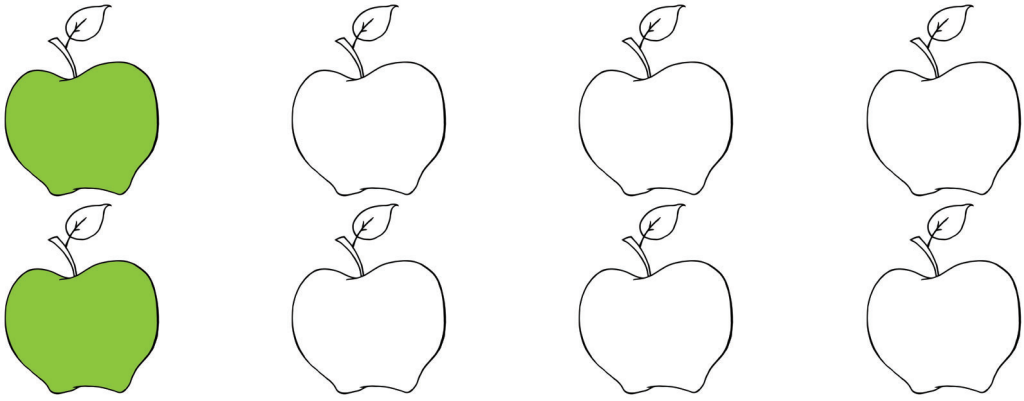
Fraction words
quarter
half



2 Circle 2 equal groups of peaches. Label each group with a fraction word.



3 One-quarter of the apples are green. Colour the green apples.



Do you know a fraction word to describe the apples that are not green?

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Quarter of a collection

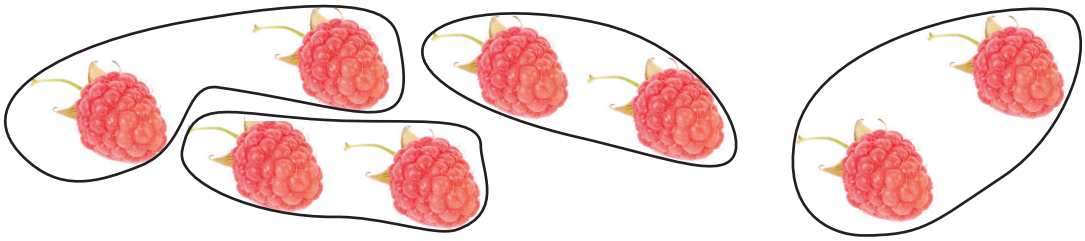
1 Tick the groups of food that have been shared equally.

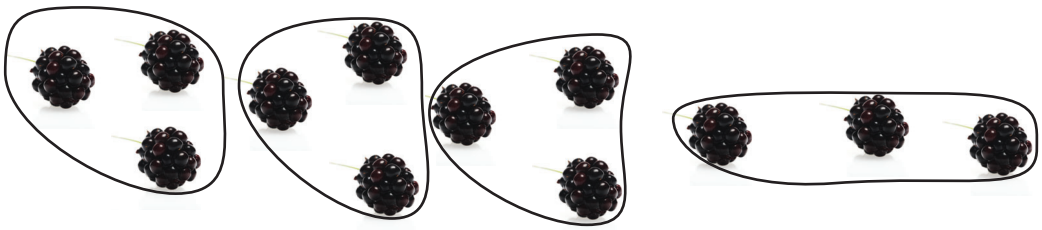
a  ☑

b  ☐

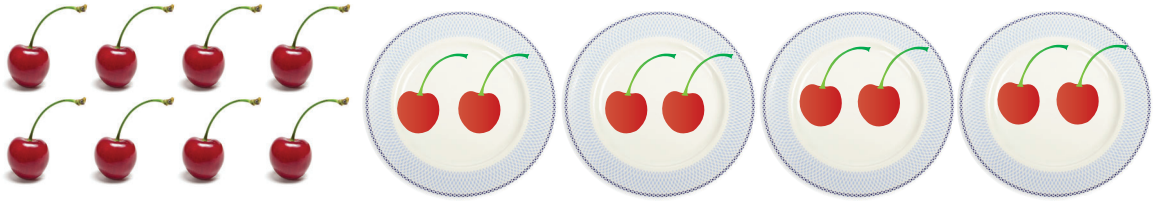
c  ☑

2 Share each group of berries into 4 equal groups.
Circle each quarter.

a 

b 

3 **a** Draw **one-quarter** of the cherries on each plate.



b If 4 out of 8 cherries are eaten,
what fraction of the cherries are eaten? $\frac{1}{2}$

c If 2 out of 8 cherries are eaten,
what fraction of the cherries are eaten? $\frac{1}{4}$

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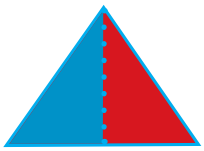
More or less than half

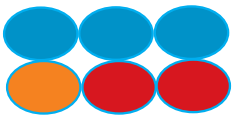
1 What fraction is shaded blue?
Write $\frac{1}{2}$ (one-half) or $\frac{1}{4}$ (one-quarter).

a  $\frac{1}{2}$

b  $\frac{1}{4}$

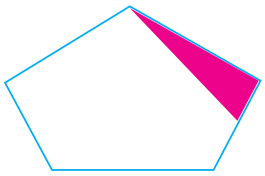
c  $\frac{1}{2}$

d  $\frac{1}{4}$

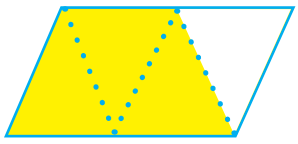
e  $\frac{1}{2}$

2 Is the shaded part **more** than half or **less** than half?

a ___more___ than half.

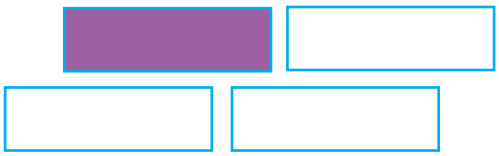


b ___less___ than half.

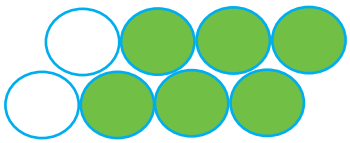


c ___more___ than half.

d ___less___ than half.



e ___less___ than half.



f ___more___ than half.

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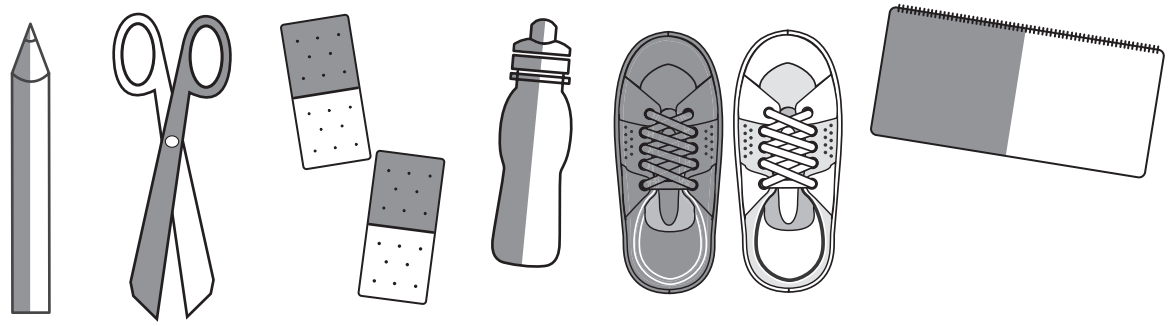
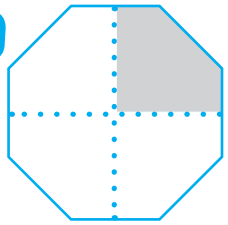
Halves and quarters

1 Jake emptied his schoolbag. Colour **one-half** ($\frac{1}{2}$) of each object.

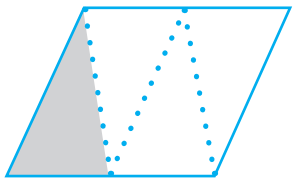


2 Colour **one-quarter** ($\frac{1}{4}$) of each shape.

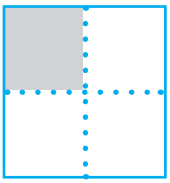
a



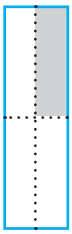
b



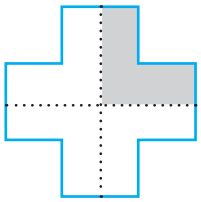
c



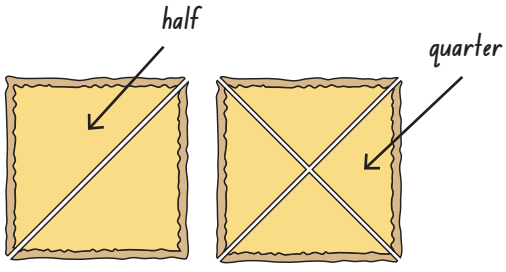
d



e



3 Which is bigger: one-half of a sandwich or one-quarter of the same sandwich? Draw and label a picture to show your thinking.



One-half of a sandwich is the same size as two quarters, so one-half is bigger.

How could you check whether you have half a glass of water?

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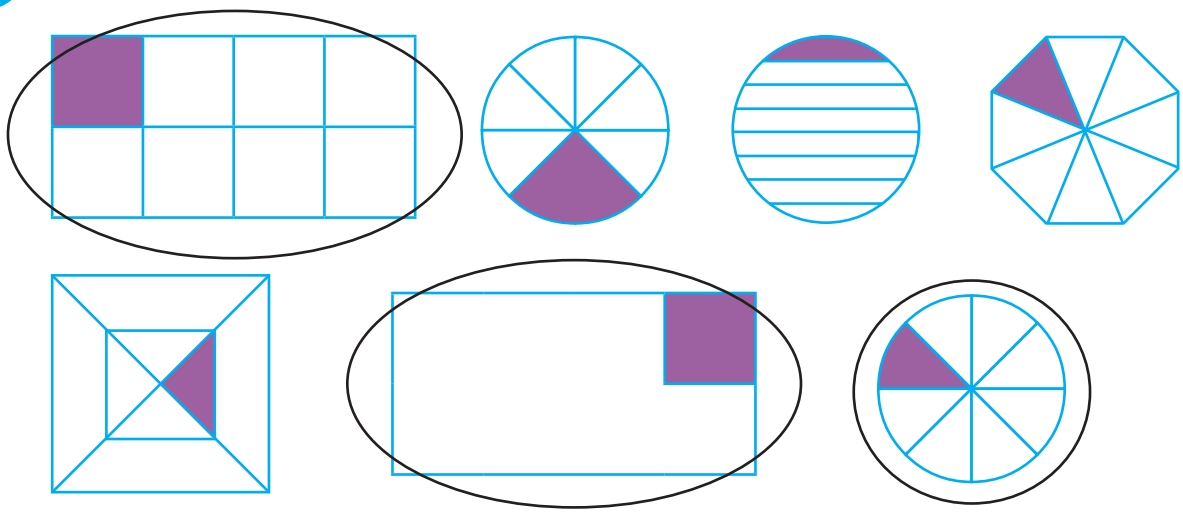
Eighths

1 Circle the shapes that have one-eighth shaded.



2 Look at the pictures of the balls below. What fraction of the collection of balls is made up of:

a footballs? $\frac{4}{8}$

b cricket balls? $\frac{2}{8}$

c soccer balls? $\frac{1}{8}$

d tennis balls? $\frac{1}{8}$

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