

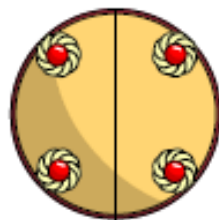
# Recognise a half

- 1 Complete the sentences.

The whole cake is split into

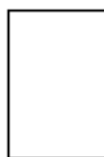


equal parts.

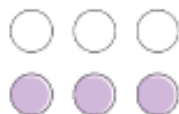


Each part is worth a \_\_\_\_\_.

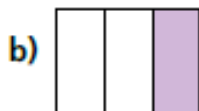
This can be written as



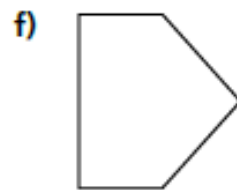
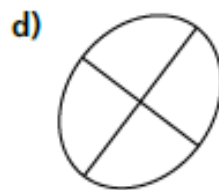
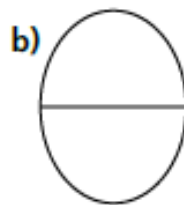
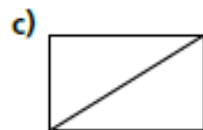
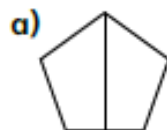
- 2 Tick the diagrams that have one half shaded.



- 3 Is  $\frac{1}{2}$  of each shape shaded? How do you know?

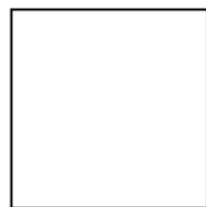


- 4 Colour  $\frac{1}{2}$  of each shape.



- 5 Colour  $\frac{1}{2}$  of each square.

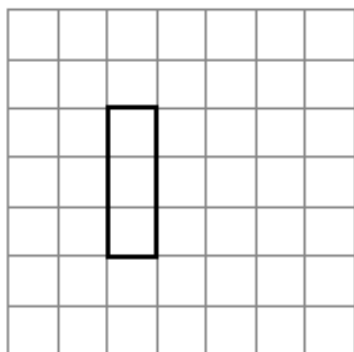
Show four different ways.



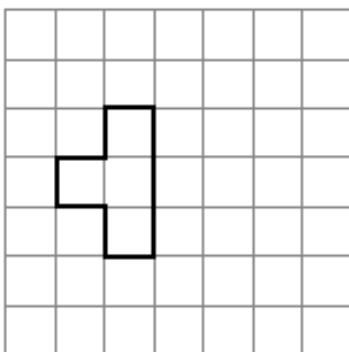
- 6 Only  $\frac{1}{2}$  of each shape has been drawn.

Draw the missing half to make the whole.

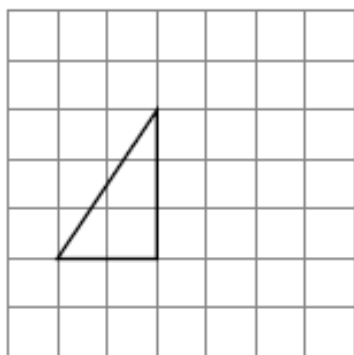
a)



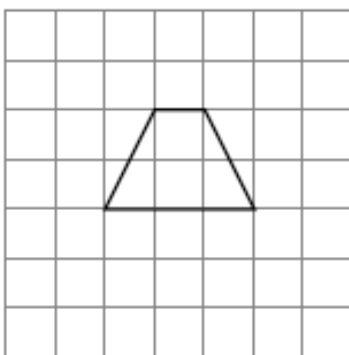
c)



b)



d)



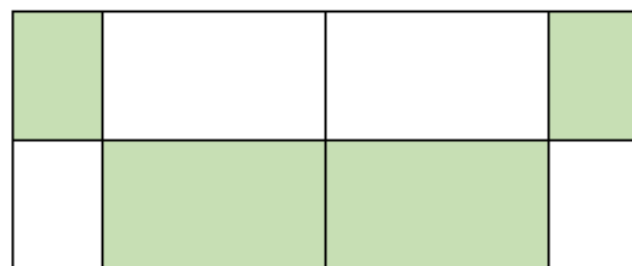
- 7 Draw a cross halfway along each line.

a) \_\_\_\_\_

b) \_\_\_\_\_

8

The shaded part of this shape does not show a half because the shape is not split into 2 equal parts.



a) Is Tommy correct? \_\_\_\_\_

b) How do you know?

Talk about it with a partner.

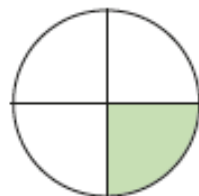


# Recognise a quarter

1 Use the words to complete the sentences.

quarter    equal

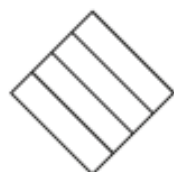
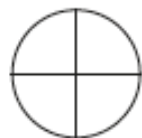
The shape has been split into  
4 \_\_\_\_\_ parts.



One of the 4 equal parts is called  
a \_\_\_\_\_.

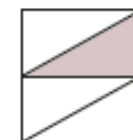
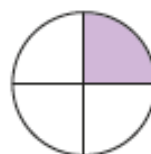
This can be written as  $\frac{1}{4}$

2 Colour  $\frac{1}{4}$  of each shape.



Does it matter which quarter you colour?  
Talk to a partner.

3 Tick the shapes that have  $\frac{1}{4}$  shaded.

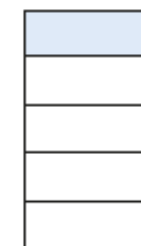


Talk about your answers with a partner.

4



This shape has  $\frac{1}{4}$  shaded



Do you agree with Whitney? \_\_\_\_\_

Why?

5 Do the shapes show  $\frac{1}{4}$ ?

Tick your answer.

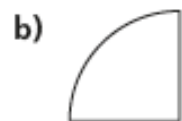
a)  Yes  No

b)  Yes  No

How did you work this out?

6 Only  $\frac{1}{4}$  of each shape has been drawn.

Draw the rest of each shape to make the whole shape.



7



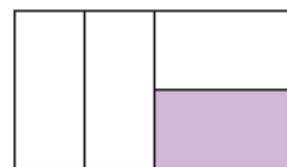
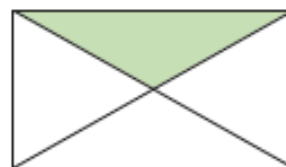
Rosie

$\frac{1}{4}$  of these shapes are shaded.



Amir

That is not possible as they do not look like equal parts.



a) Who is correct? \_\_\_\_\_

How do you know?

b) Find two more ways to split the rectangle into quarters.

Colour  $\frac{1}{4}$  of each shape.



## Recognise a third

1 Use the words to complete the sentences.

 $\frac{1}{3}$ 

three

third



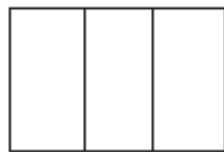
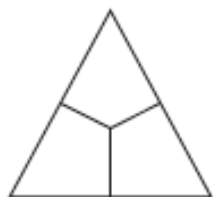
The spinner is split into \_\_\_\_\_ parts.

Each part is worth a \_\_\_\_\_.

This can be written as



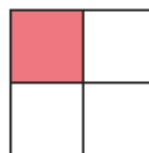
2 Colour  $\frac{1}{3}$  of each shape.



3 Do the shapes have  $\frac{1}{3}$  shaded?

Tick your answer.

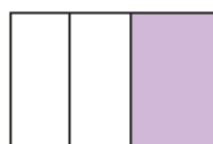
a)



Yes

No

b)



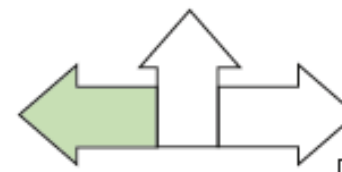
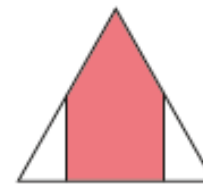
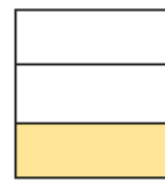
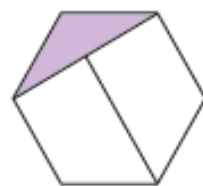
Yes

No

How did you work this out? Talk to a partner.



4 Tick the shapes that have  $\frac{1}{3}$  shaded.



- 5 Ron cuts up some fruit.



banana



apple



melon



- a) Has the banana been cut into thirds?  
How do you know?

\_\_\_\_\_

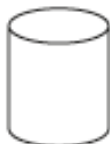
- b) Which fruit has been cut into thirds?

\_\_\_\_\_

- c) Which fruit has been cut into halves?

\_\_\_\_\_

- 6 Draw lines to split the cylinder into thirds.



- 7



$\frac{1}{3}$  is greater than  $\frac{1}{2}$   
because 3 is  
greater than 2

Is Alex correct? \_\_\_\_\_

Draw a picture to show your answer.

- 8 Only  $\frac{1}{3}$  of each shape has been drawn.

Draw the whole shape in the box.

a) 

b) 