

Recognise a quarter

1 Use the words to complete the sentences.

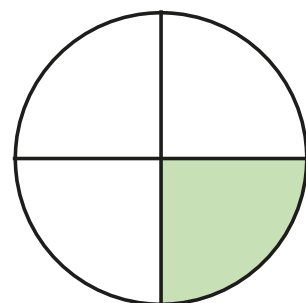
quarter

equal

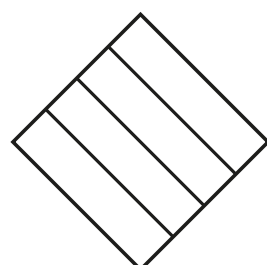
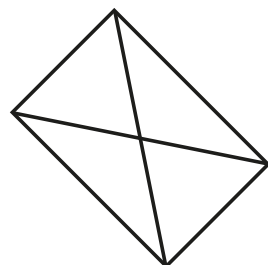
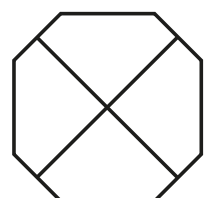
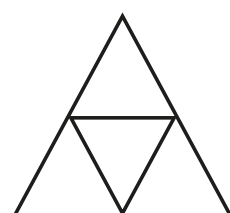
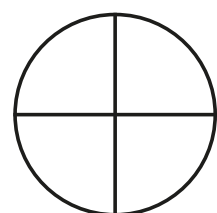
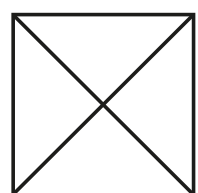
The shape has been split into
4 _____ parts.

One of the 4 equal parts is called
a _____.

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



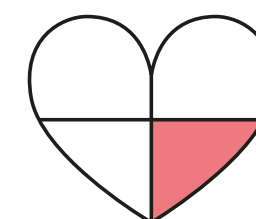
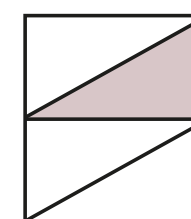
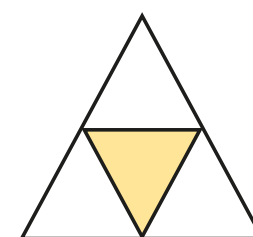
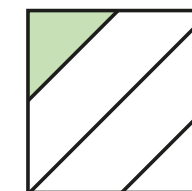
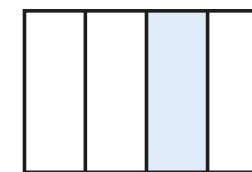
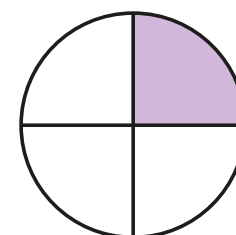
2 Colour $\frac{1}{4}$ of each shape.



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



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

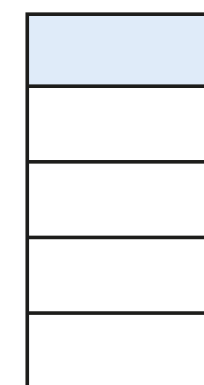


Talk about your answers with a partner.

4



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



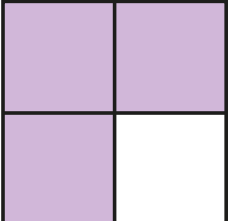
Do you agree with Whitney? _____

Why?

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

Tick your answer.

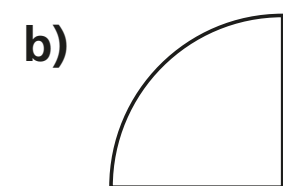
a)  Yes ☐ No ☐

b)  Yes ☐ No ☐

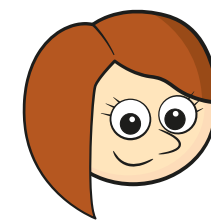
How did you work this out?

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

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



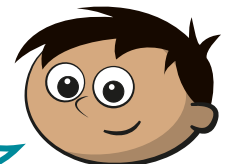
7



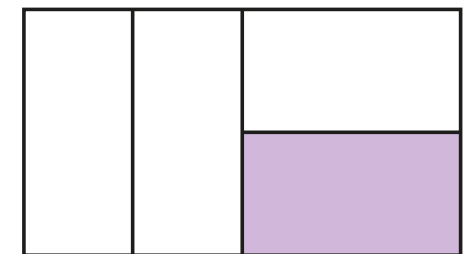
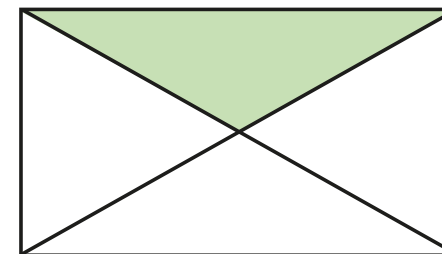
Rosie

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

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



Amir



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.

