1 Use the words to complete the sentences.

quarter  equal

The shape has been split into 4 equal parts.
One of the 4 equal parts is called a quarter.
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? No

Why?
5 Do the shapes show $\frac{1}{4}$?
Tick your answer.

a) [Diagram of 4 equal parts, 3 shaded] Yes No [Checked: No]

b) [Diagram of 4 equal parts, all shaded] Yes No [Checked: Yes]

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.

a) [Diagram of 4 equal parts, 3 shaded]

b) [Diagram of a circle with 4 equal parts, 3 shaded]

c) [Diagram of a triangle with 4 equal parts, 3 shaded]

7 $\frac{1}{4}$ of these shapes are shaded.

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

Amir

a) Who is correct? Rosie

How do you know?

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

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

[Diagrams of two more ways to split the rectangle into quarters]