Ratio and fractions



Here are some counters.

Complete the sentences to describe the counters.

counters altogether. a) There are



b) There are white counters.



c) There are black counters.



d) 3 out of the 8 counters are black



- out of the 8 counters are white.
- Here are some animals.









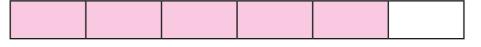
Complete the sentences.

cows there are For every sheep.

The ratio of cows to sheep is

- of the animals are cows.
- of the animals are sheep.

Part of the bar has been shaded.



a) What fraction of the bar is shaded?



b) What fraction of the bar is not shaded?



c) Write the ratio of shaded to non-shaded parts.



d) Write the ratio of non-shaded to shaded parts.



Here are some shapes.



a) What fraction of the shapes are circles?



b) What fraction of the shapes are stars?



c) What is the ratio of stars to circles?



d) What is the ratio of circles to stars?



Can you find a different answer to each of these questions? Compare with a partner.



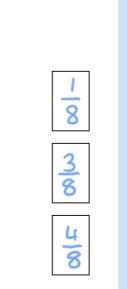
Talk to a partner about how it shows this.

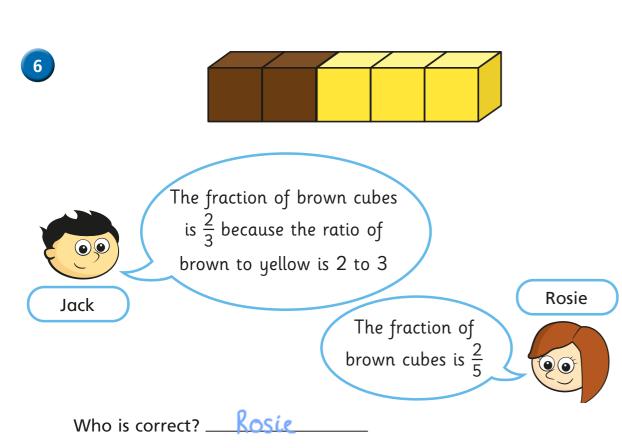
a) What fraction of the bar is striped?

b) What fraction of the bar is fully shaded?

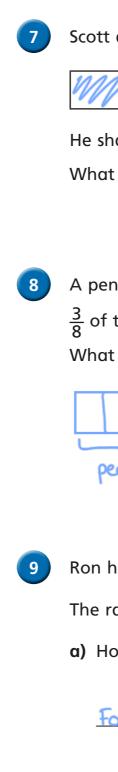
c) What fraction of the bar is blank?

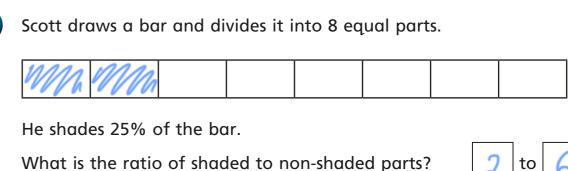
Explain your answer.





cubes are



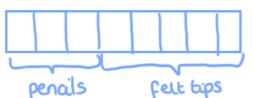


(or 1 to 3)

A pencil case contains felt tips and pencils.

3/8 of the contents are pencils.

What is the ratio of felt tips to pencils?



Ron has some limes and strawberries.

The ratio of strawberries to limes is 5 to 1

a) How do you know he has more strawberries than limes?

For every I line there are 5 strawberries

b) What fraction of the fruits are strawberries?



c) What fraction of the fruits are limes?



