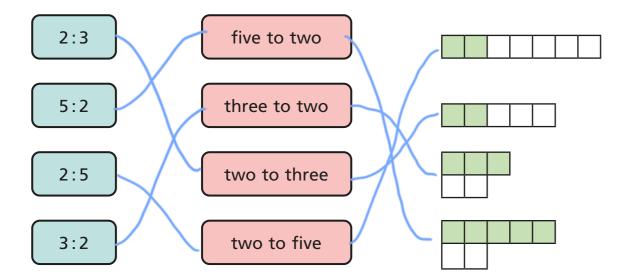
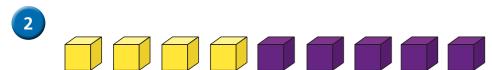
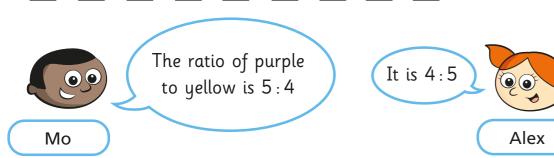
## Introducing the ratio symbol



The ratios show shaded parts to non-shaded parts. Match the ratios, statements and bar models.







Mo Who is correct? \_ Explain your answer.

For every 5 purple cubes there are

Dani has some counters, cubes and marbles. Complete the sentences.







4 marbles 5 counters 3 cabes

The ratio of counters to marbles is





The ratio of marbles to cubes is





The ratio of cubes to counters is



The ratio of counters to cubes is

S	5	:	3



The ratio of counters to cubes to marbles is



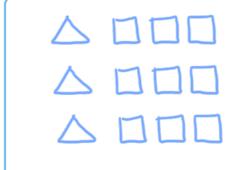
Brett has drawn some triangles and squares.

The ratio of triangles to squares is 1:3

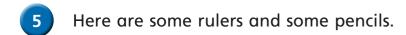
Explain how you know.

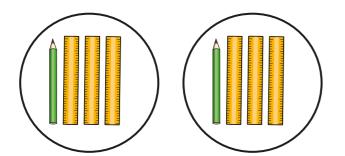
For	every	1	triangle	there	are	3	squares.
							0

b) Brett has drawn more than 10 shapes. Draw what Brett might have drawn.





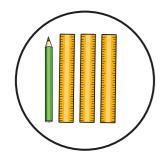


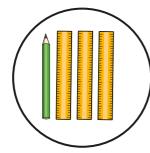


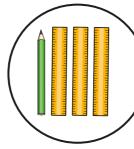
a) What is the ratio of pencils to rulers?



b) Here are some more rulers and pencils.









The ratio of pencils to rulers is the same as in part a).

Ron

Ron is wrong because there are more pencils and more rulers.



Dora

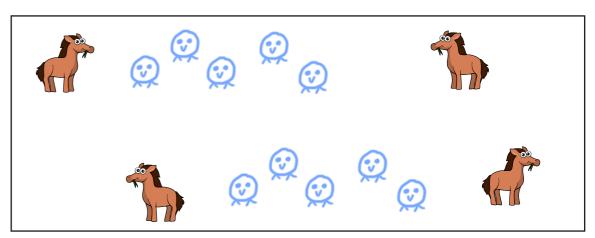
Who is correct? Ron

Explain your answer.

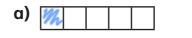
For every 1 penal there are still 3 rulers.

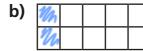
The ratio of horses to chickens in a field is 2:5

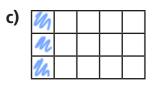
Here are the horses. Draw the chickens.



7 Shade squares so that the ratio of shaded to non-shaded squares is 1:4



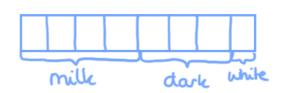




8 A box contains dark, white and milk chocolates.

 $\frac{3}{8}$  of the box are dark chocolates.

 $\frac{1}{2}$  of the box are milk chocolates.



The rest are white chocolates.

What does each ratio represent?

**a)** 1:3

white: dark

**b)** 4:1

milk: white

**c)** 3:5

dark: mile or white



