

Name _____

1 Complete the sentences.



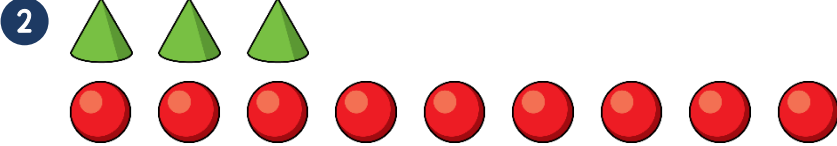
For every 1 apple, there are pears.

1 mark



For every 2 oranges, there are lemons.

1 mark



Complete the sentence.

For every 1 cone, there are spheres.

1 mark

3 Pat has these coins.



Harry has these coins.



Pat says that for every 3 coins she has, Harry has 5 coins.
Is Pat correct? Explain your answer.

1 mark



The ratio of circles to squares is :

1 mark



Complete the sentences two ways.

The ratio of rectangles to triangles is :

The ratio of rectangles to triangles is :

2 marks

5 Circle the equivalent ratios.

2 : 8 4 : 1 3 : 12 1 : 4 3 : 16

2 marks

6 Part of a bar is shaded.



What fraction of the bar is shaded?

What is the ratio of shaded parts to non-shaded parts?

7 For every 3 boys in a class, there are 2 girls.



If there are 20 children in the class, how many girls are there?

8 The ratio of red to blue cubes in a tower is 1 : 5

There are 8 red cubes in the tower.

How many blue cubes are there in the tower?

9 Ellie has some red and green grapes.

For every 3 green grapes she has 5 red grapes.

She has 24 green grapes.

How many more red grapes than green grapes does Ellie have?

1 mark

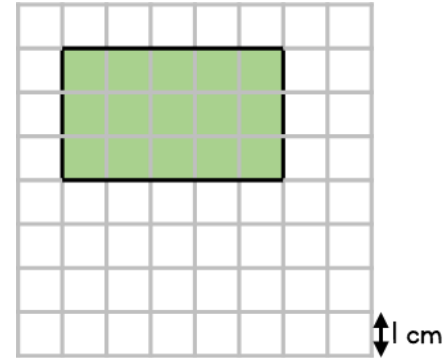
1 mark

2 marks

1 mark

2 marks

10 A field is drawn to scale 1 cm on the grid represents 4 metres in real life.



What is the length of the field?

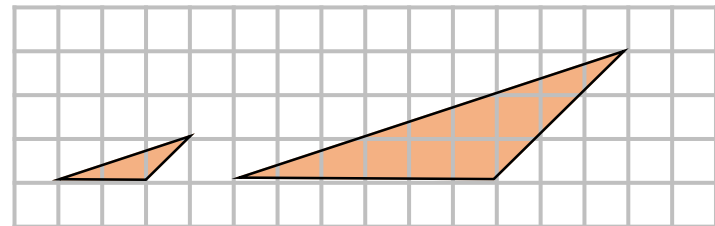
_____ m

Another field is 10 m long and 8 m wide.

Draw this field on the grid above.

11 Here are two triangles.

Triangle A is an enlargement of Triangle B.



What is the scale factor of enlargement?

Circle how confident you feel with ratio.

1 2 3 4 5

Not
confident

Very
confident

1 mark

2 marks

1 mark