

Ratio

B

Name _____

1 Complete the sentences.

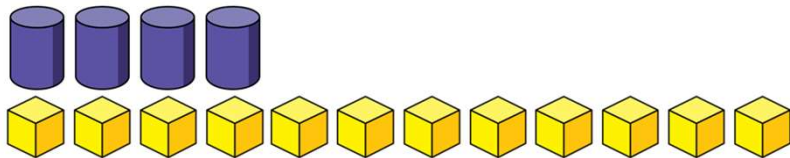


For every 1 cherry, there are plums.



For every 2 bananas, there are carrots.

2 Complete the sentence.



For every 1 cylinder, there are cubes.



1 mark



1 mark



1 mark

3 Alex has these coins.



Whitney has these coins.



Alex says that for every 3 coins she has, Whitney has 5 coins.

Is Alex correct? yes no

Explain or show why.



1 mark

4



The ratio of circles to squares is :



Complete the ratio in 2 different ways.

The ratio of rectangles to triangles is :

The ratio of rectangles to triangles is :



1 mark



2 marks



2 marks

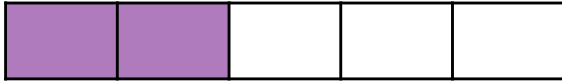
5 Circle the equivalent ratios.

2 : 10 1 : 5 3 : 12 8 : 4 3 : 15



White
Rose
Maths

6 Part of a bar is shaded.



What fraction of the bar is shaded? _____



1 mark

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



1 mark

7 For every 4 boys in a class, there are 2 girls.



There are 24 children in the class.
How many girls are there? _____



2 marks

8 The ratio of red to blue cubes in a tower is 1 : 5
There are 6 red cubes in the tower.
How many cubes are blue? _____



1 mark

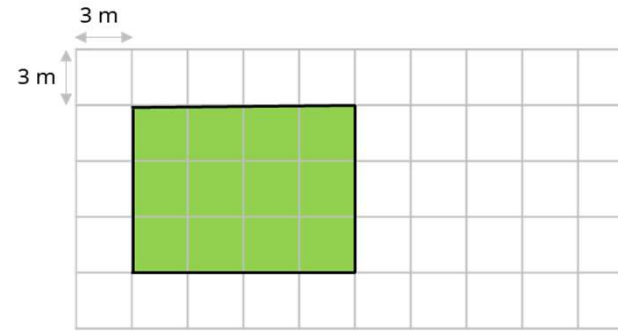
9 Eva has some red and green grapes.
For every 5 green grapes, she has 3 red grapes.
She has 35 green grapes.

How many more green grapes than red grapes does Eva have? _____



2 marks

10 A field is drawn to scale.
Each square on the grid represents 3 m.



What is the length of the field? _____ m



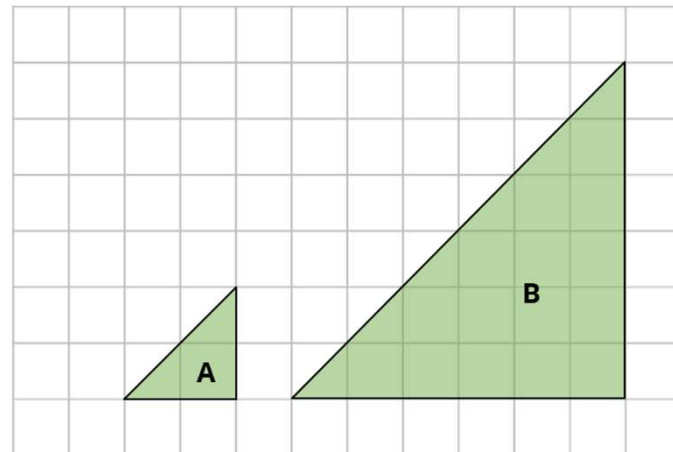
1 mark

Another field is 9 m long and 6 m wide.
Draw this field on the grid above.



2 marks

11 Here are two triangles.
Triangle B is an enlargement of triangle A.



What is the scale factor of enlargement? _____



1 mark