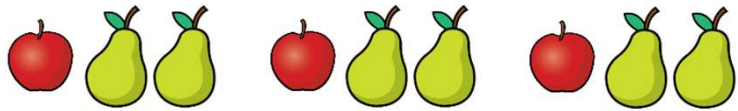


# Ratio

A

Name \_\_\_\_\_

1 Complete the sentences.



For every 1 apple, there are  pears.



For every 2 oranges, there are  lemons.

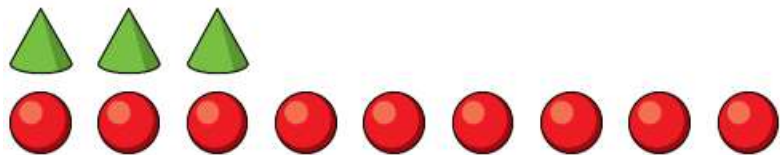


1 mark



1 mark

2 Complete the sentence.



For every 1 cone, there are  spheres.



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

5

Circle the equivalent ratios.

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



2 marks



2 marks

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 3 boys in a class, there are 2 girls.



There are 20 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 8 red cubes in the tower.  
How many cubes are blue? \_\_\_\_\_

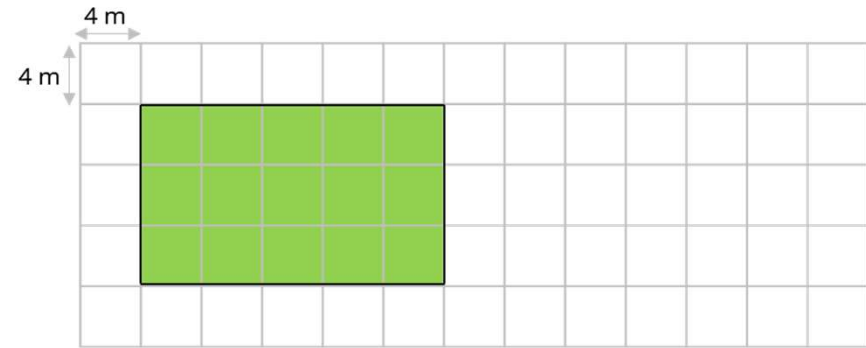
1 mark

9 Eva 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 Eva have? \_\_\_\_\_

2 marks

10 A field is drawn to scale.  
Each square on the grid represents 4 m.



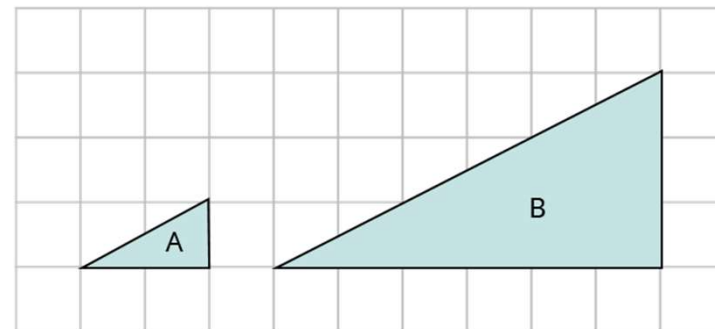
What is the length of the field? \_\_\_\_\_ m

1 mark

Another field is 10 m long and 8 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