






Test 4: Ratio and proportion

1 Look at these shapes. 

Put a tick if the statement is true and a cross if it is false.

The ratio of  :  = 3:2

60% of the shapes are 

The ratio of  :  = 3:2

1 mark

2 Ava and Harry share 36 grapes in the ratio 4:5.

How many grapes do they each have?

Complete the sentence.

Ava has grapes and Harry has grapes.

1 mark

3 There are 50 pupils in the school play.

16 of them are boys.

What percentage of the pupils are boys?

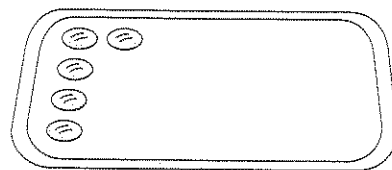
Tick one.

16% 8% 32% 50%

1 mark

4 Ming baked some biscuits.

The picture shows 20% of the biscuits that she baked.



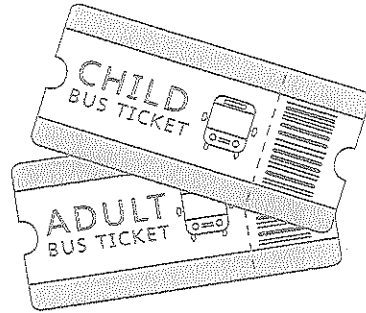
How many biscuits did she bake altogether?

Show your method.

biscuits

2 marks

- 5 An adult's bus ticket costs £9.60.
It costs twice as much as a child's bus ticket.
How much does a child's bus ticket cost?



Circle one.

£19.20 £4.30 £9.60 £4.80

1 mark

- 6 Arlo and Lee have 25 sweets altogether.
Arlo has 9 more sweets than Lee.
How many sweets does Lee have?

Show your method.

sweets

2 marks

- 7 Write the missing number to complete the sentence.
Grandma uses 2 eggs to make 12 cupcakes.
She uses eggs to make 18 cupcakes.

1 mark

- 8 A plane is 40m long and 8m wide.
Max says, "A miniature model of this plane could be 10cm long and 20cm wide."
Explain why Max is **not** correct.

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1 mark

Total marks Time taken