

Mathematics
Test B – Paper 1



Calculator **not** allowed

First name _____

Last name _____

School _____

Time: 1 hour

Marks for Test B Paper 1	
Page(s)	Mark
21	
22–23	
24–25	
26–27	
28–29	
Total	

Remember

- You must **not** use a calculator for any question in this test.
- You will need: pen, pencil, rubber, ruler, a pair of compasses, protractor.
- Some formulae you might need can be found on the inside back cover of this book or downloaded from www.brookworth.co.uk.
- This test starts with easier questions.



This pencil symbol means write down your answer or show your working and write down your answer.

1 (a) Work out 214×12 .



..... (2 marks)

Your marks

(b) Work out $264 \div 12$.



..... (2 marks)

2 When $a = 4$, work out the values of these expressions.

(a) $2a + 15 =$

(1 mark)

(b) $6a - 7 =$

(1 mark)

(c) $12 + 9a =$

(1 mark)

Page total

- 3 Ali has designed a questionnaire to find out how many televisions the households in his street have.

How many televisions does your household have?

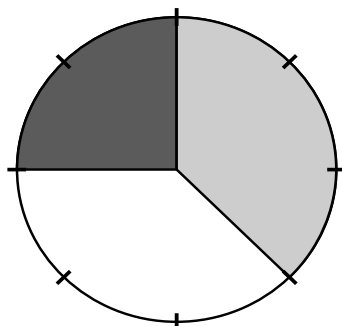
- 0–1 2–3 3–4 More than 4

What is wrong with the options for the responses?



.....
 (1 mark)

- 4 Martine has carried out a survey of 80 pupils at her school. She asked whether they had a computer at home, and if so whether they had access to the Internet. The pie chart shows the results of her survey.



- No computer
 Computer with no Internet access
 Computer with Internet access

- (a) Write down the **fraction** of the pupils that have no computer at home.



..... (1 mark)

- (b) What **percentage** of the pupils have a computer with Internet access at home?



..... (1 mark)

- (c) How many pupils have a computer with Internet access at home?



..... (1 mark)

- 5 Muzzy earns £140 per week. He gets a pay increase of 15%. Work out how much Muzzy earns per week after the increase.



£ (2 marks)