

BLOCK 1 TEST

TIME: 45 minutes

The total mark for this paper is 50

NAME

TOTAL MARKS

PERCENTAGE

You require a ruler.

Calculators may not be used.



1. There were 41 coins in a bag.
Tom took 15 coins out of the bag.
Rachel put 19 coins into the bag.

How many coins are now in the bag?

.....
(Total 2 marks)

2. Work out the value of $(4 + 5) \times 2 + 3$

.....
(Total 1 mark)

3. Add brackets to make the statements correct

$$4 + 5 \times 2 + 3 = 29$$

$$4 + 5 \times 2 + 3 = 45$$

(Total 2 marks)

4. Here are the shoe sizes of 6 students.

2 10 7 6 10 9

Work out the range of these shoe sizes.

.....
(Total 1 mark)

Find the median shoe size.

.....
(Total 2 marks)

Work out the mean shoe size.
Give your answer to 2 d.p.

.....
(Total 2 marks)

5. Write down 5 numbers with a median of 8, a range of 12 and a mean of 9.

.....
(Total 3 marks)

6. Write out the next two terms in the sequence.

4 7 11 18

(Total 2 marks)

7. Write out the next two terms in the sequence.

1 3 6 10

(Total 2 marks)

8. Work out 362×54
You must show all your working.

.....
(Total 3 marks)

9. Work out 3.15×24
You must show all your working.

.....
(Total 3 marks)

10. 58 divided by 7
Give your answer to 2 d.p.

.....
(Total 2 marks)

11. Put these numbers in order from smallest to largest.

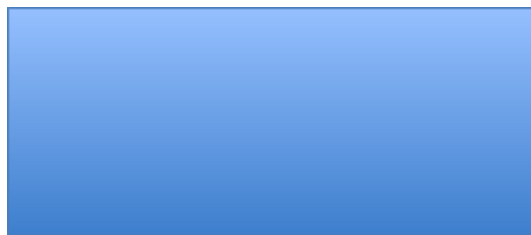
0.5 0.43 0.52 0.05 0.049 0.515

(Total 2 marks)

12. The temperature in Edinburgh was 7 degrees Celsius at 12pm. By 6pm the temperature had dropped by 15 degrees. What was the new temperature?

.....
(Total 1 mark)

13.



Work out the area and perimeter of the rectangle.
You must measure the lines.

Area:

Perimeter:

(Total 2 marks)

14.



Work out the area and perimeter of the triangle.
You must measure the lines.

Area:

Perimeter:

(Total 2 marks)

15.



Name the shapes.

(Total 6 marks)

16. Draw an acute angle.

17. Draw an obtuse angle.

(Total 2 marks)

18. a) $10 \times -3 =$

b) $-4 \times -6 =$

c) $(4 \times -3) + 17 =$

d) $(5 - -3) \times (4-7) =$

(Total 4 marks)

19. Alan buys

- 7 stamps at 25p each
- 2 packs of postcards at 87p per pack
- 1 pack of labels at £1.73

He pays with a £10 note. How much change does he get?

.....
(Total 3 marks)

20. Mrs Adamson bought cinema tickets for 4 adults and their children.

- An adult ticket costs £5
- A child ticket costs £4

Mrs Adamson paid a total of £48. How many child tickets did she buy?

.....
(Total 3 marks)