Quick paper N8

Paper 1 style · Non-calculator · Foundation

18 marks
about 15–20 minutes

Name	Date	Score / 18

Answer ALL questions. Write your answers in the spaces provided. You must write down all the stages in your working. You must **not** use a calculator. Diagrams are **NOT** accurately drawn unless it says so.

Help on the longer questions

Underlined words tell you what the question wants.

Remember reminds you of a fact you need.

1 **Write** $\frac{7}{10}$ as a percentage.

..... %

(1)

(Total for Question 1 is 1 mark)

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2 **Write** the following numbers in order of size.
Start with the smallest number.

6 −8 −12 3 0 −1

.....

(1)

(Total for Question 2 is 1 mark)

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3 **Write** $\frac{7}{100}$ as a decimal.

.....

(1)

(Total for Question 3 is 1 mark)

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4 **Write** 463 **correct to the nearest ten**.

.....

(1)

(Total for Question 4 is 1 mark)

Turn over ►

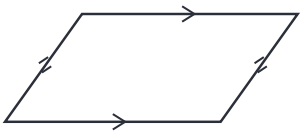
5 **Write down** the value of 8^2

.....

(1)

(Total for Question 5 is 1 mark)

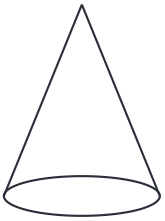
6 **(a)** **Write down** the mathematical name of this quadrilateral.



.....

(1)

(b) **Write down** the mathematical name of this 3-D shape.



.....

(1)

(Total for Question 6 is 2 marks)

7 £56 is shared equally between 4 friends.
How much does each friend get?

£ .....

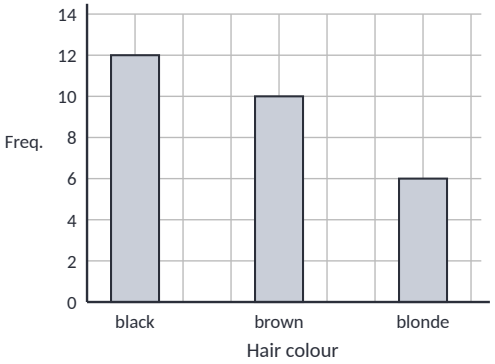
(2)

(Total for Question 7 is 2 marks)

8 Leah recorded the hair colour of each of the students in her group.
The frequency table below shows her results.

Hair colour	Frequency
black	12
brown	9
blonde	6

Leah then drew the bar chart below for this information.



Write down one thing that is wrong with this bar chart.

.....

.....

(1)

(Total for Question 8 is 1 mark)

9 Ella buys

1 sandwich for £2.40
1 drink for 85p
2 bags of crisps for 65p each bag

Ella pays with a £10 note.
She says,

"I should get £5.65 change."

Is Ella correct?
You must show how you get your answer.

> **Remember** Change = money paid − total cost. Add up all the costs first.

(3)

(Total for Question 9 is 3 marks)

10 Omar records the temperature in his garden at noon each day.
On Monday, the temperature was 4°C.
On Tuesday, the temperature was 9° less than the temperature on Monday.
On Wednesday, the temperature was 2° greater than the temperature on Tuesday.
Find the difference between the temperature on Monday and the temperature on Wednesday.
You must show all your working.

..... °C

(2)

(Total for Question 10 is 2 marks)

11 There are two choirs in a school.
In one choir there are 24 boys and 40 girls.
In the other choir, $\frac{3}{8}$ of the students are boys and the rest of the students are girls.
Kai says,

"The ratio of the number of boys to the number of girls is the same for both choirs."

Is Kai correct?
You must show how you get your answer.

> **Remember** Add the ratio parts to find the total number of parts. One part = amount ÷ total parts. Then multiply.

(3)

(Total for Question 11 is 3 marks)

TOTAL FOR PAPER IS 18 MARKS

N8 mark scheme

Q		Answer	Mark	Notes
1		70	B1	
2		−12, −8, −1, 0, 3, 6	B1	
3		0.07	B1	
4		460	B1	
5		64	B1	
6	(a)	Parallelogram	B1	
	(b)	Cone	B1	
7		14	M1 A1	M1 for 56 ÷ 4 A1 cao
8		The bar for brown should be at 9, not 10	B1	B1
9		No: she should get £5.45	M1 M1 C1	M1 for 2.40 + 0.85 + 2 × 0.65 (= 4.55) M1 for 10 − 4.55 C1 No with 5.45
10		7	M1 A1	M1 for −5 or −3 A1 cao
11		Yes: both are 3 : 5	M1 M1 C1	M1 for 24 : 40 = 3 : 5 M1 for 3 : 5 from 3/8 C1 Yes with both ratios

B1 = mark for a correct answer · **M1** = method mark · **A1** = accurate answer after M1 · **C1** = reason · **cao** = correct answer only

Score ____ / 18

Write your score on the front page