Quick paper N6

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 down** the value of the 6 in the number 2603

.....

(1)

(Total for Question 1 is 1 mark)

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2 **Write** 7.36 **correct to 1 decimal place**.

.....

(1)

(Total for Question 2 is 1 mark)

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3 **Work out** 4.85×100

.....

(1)

(Total for Question 3 is 1 mark)

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4 **Write** the fraction $\frac{36}{84}$ **in its simplest form**.

.....

(1)

(Total for Question 4 is 1 mark)

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5 **Write** 8% as a decimal.

.....

(1)

(Total for Question 5 is 1 mark)

Turn over ►

6 **Work out** the difference, in minutes, between 1 hour 20 minutes and $1\frac{3}{4}$ hours.

..... minutes

(2)

(Total for Question 6 is 2 marks)

7 Ali has four bags of sugar.
The total weight of all four bags of sugar is 4 kilograms.
3 of the bags each have a weight of 850 grams.
Work out the weight, in grams, of the other bag of sugar.

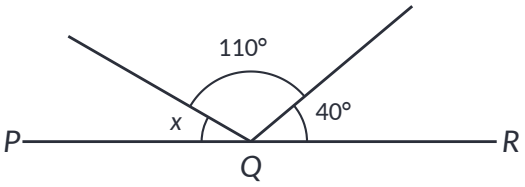
> **Remember** 1 kg = 1000 g. 1 litre = 1000 ml. 1 m = 100 cm. 1 cm = 10 mm. 1 km = 1000 m.

..... grams

(3)

(Total for Question 7 is 3 marks)

8 *PQR* is a straight line.



Work out the size of angle *x*.

..... °

(2)

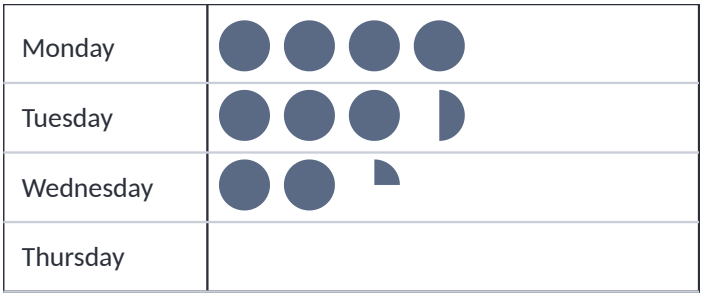
(Total for Question 8 is 2 marks)

9 Ella spins a spinner 3 times.
The outcome of each spin is either Red or Blue.
List all the possible outcomes of the 3 spins.

(2)

(Total for Question 9 is 2 marks)

10 The pictogram shows information about the number of cakes sold in a bakery on Monday, Tuesday and Wednesday.



Key: ● represents 8 cakes

Remember Check the key: what does one symbol stand for? A part symbol is a fraction of that.

(a) **Write down** the number of cakes sold on Monday.

.....

(1)

(b) 10 cakes were sold on Thursday.
Show this information on the pictogram.

(1)

(c) What was the total number of cakes sold on these four days?

.....

(2)

(Total for Question 10 is 4 marks)

TOTAL FOR PAPER IS 18 MARKS

N6 mark scheme

Q		Answer	Mark	Notes
1		600	B1	
2		7.4	B1	
3		485	B1	
4		$\frac{3}{7}$	B1	
5		0.08	B1	
6		25	M1 A1	M1 for 1¾ hours = 105 minutes or 1 h 20 = 80 minutes A1 cao
7		1450	M1 M1 A1	M1 for 4 kg = 4000 g M1 for 4000 − 3 × 850 A1 cao
8		30	M1 A1	M1 for 180 − 110 − 40 A1 cao
9		RRR, RRB, RBR, BRR, RBB, BRB, BBR, BBB	B2	B2 all 8 with no repeats (B1 for at least 4 correct)
10	(a)	32	B1	
	(b)	1¼ symbols drawn for Thursday	B1	
	(c)	88	M1 A1	M1 for 32 + 28 + 18 + 10 A1 cao

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