Quick paper C15

Paper 2 style · 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 may 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** 47% as a fraction.

.....

(1)

(Total for Question 1 is 1 mark)

---

2 **Change** 6 metres into centimetres.

..... centimetres

(1)

(Total for Question 2 is 1 mark)

---

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

2.03 0.23 2.30 0.32

.....

(1)

(Total for Question 3 is 1 mark)

---

4 **(a)** **Simplify** $k + k + k$

.....

(1)

(b) **Simplify** $15q \div 5$

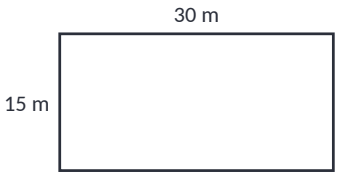
.....

(1)

(Total for Question 4 is 2 marks)

Turn over ►

5 The diagram shows a rectangle.



On the centimetre grid below, draw an accurate scale drawing of this rectangle.
Use a scale of 1 cm to represent 5 m.

(2)

(Total for Question 5 is 2 marks)

6 Here is a list of whole numbers from 31 to 40

31 32 33 34 35 36 37 38 39 40

(a) From the list, write down a square number.

.....

(1)

(b) From the list, write down a multiple of 7

.....

(1)

(Total for Question 6 is 2 marks)

7 A café has three bags of sugar, **A**, **B** and **C**.
Bag **A** and bag **B** contain the same amount of sugar.
Bag **C** contains 1150 g of sugar.
In the three bags, there is a total of 3000 g of sugar.
Work out the amount of sugar in bag **A**.

> **Remember** Line up the digits. To divide by a decimal, multiply both numbers by 10 (or 100) first. Check with an estimate.

..... g

(3)

(Total for Question 7 is 3 marks)

8 4 students throw a dice.
They each throw the dice the same number of times.
The diagram gives information about the number of times the dice lands on each number.



Work out how many times each student throws the dice.

> **Remember** Check the scale on the axis: what does one square stand for? Label bars and use a ruler.

.....

(3)

(Total for Question 8 is 3 marks)

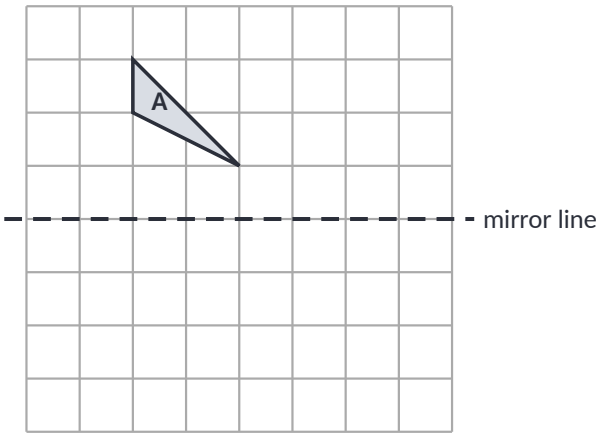
9 **Write** 13 as a fraction of 40

.....

(1)

(Total for Question 9 is 1 mark)

10 **Reflect** shape **A** in the mirror line.



(2)

(Total for Question 10 is 2 marks)

TOTAL FOR PAPER IS 18 MARKS

C15 mark scheme

Q		Answer	Mark	Notes
1		$\frac{47}{100}$	B1	
2		600	B1	
3		0.23, 0.32, 2.03, 2.30	B1	
4	(a)	$3k$	B1	
	(b)	$3q$	B1	
5		A 6 cm by 3 cm rectangle	B2	B2 (B1 for one side correct)
6	(a)	36	B1	
	(b)	35	B1	
7		925	M1 M1 A1	M1 for 3000 − 1150 (= 1850) M1 for 1850 ÷ 2 A1 cao
8		9	M1 M1 A1	M1 for reading at least 4 frequencies correctly M1 for 36 ÷ 4 A1 cao
9		$\frac{13}{40}$	B1	
10		Reflected triangle below the line, same distance from it (vertices 3, 2 and 1 squares below the line)	B2	B2 (B1 for a reflection in another horizontal line or 2 vertices correct)

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