Quick paper C8

Paper 3 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** a number in each box to make the calculation correct.

(a) $62.7 + \square = 100$

(1)

(b) $\frac{3}{8} + \square = 1$

(1)

(Total for Question 1 is 2 marks)

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2 **Write** 7% as a fraction.

.....

(1)

(Total for Question 2 is 1 mark)

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3 **Find** $\sqrt{2.25}$

.....

(1)

(Total for Question 3 is 1 mark)

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4 **Work out** $\frac{1}{6}$ of 840

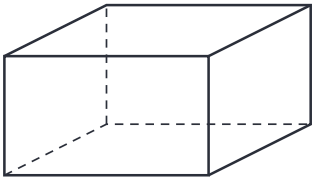
.....

(1)

(Total for Question 4 is 1 mark)

Turn over ►

5 Here is a 3-D shape.



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

.....

(1)

(b) **Write down** the number of faces of this 3-D shape.

.....

(1)

(Total for Question 5 is 2 marks)

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6 An ordinary fair dice is thrown once.

(a) On the probability scale below, mark with a cross (×) the probability that the dice lands on a number less than 3



(1)

(b) **Write down** the probability that the dice lands on an even number.

.....

(1)

(Total for Question 6 is 2 marks)

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7 Jo is 1.74 m tall.
Amy is 8 cm taller than Jo.
How tall is Amy?

.....

(2)

(Total for Question 7 is 2 marks)

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8 2 notebooks cost £3.16

4 pens cost £6.20

Sam wants to buy 15 notebooks and 15 pens.

He only has £45

Does Sam have enough money to buy 15 notebooks and 15 pens?

You must show how you get your answer.

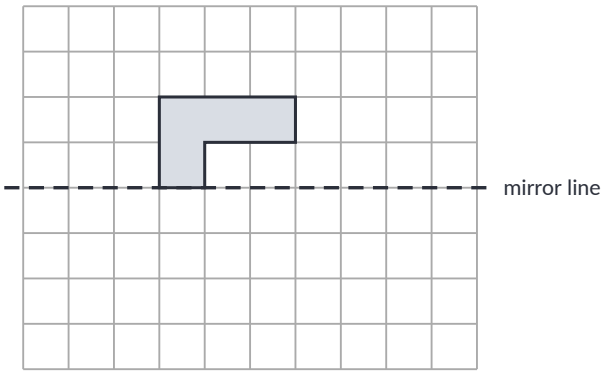
> **Remember** Write down each cost or amount as you work it out, then add them up. Write money with 2 decimal places (£4.50). 100p = £1.

(4)

(Total for Question 8 is 4 marks)

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9 On the grid, reflect the shaded shape in the mirror line.



(1)

(Total for Question 9 is 1 mark)

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10 **Write down** the ratio of 480 grams to 32 grams.

Give your answer in its simplest form.

.....

(2)

(Total for Question 10 is 2 marks)

TOTAL FOR PAPER IS 18 MARKS

C8 mark scheme

Q		Answer	Mark	Notes
1	(a)	37.3	B1	
	(b)	$\frac{5}{8}$	B1	
2		$\frac{7}{100}$	B1	
3		1.5	B1	
4		140	B1	
5	(a)	cuboid	B1	
	(b)	6	B1	
6	(a)	Cross at $\frac{1}{3}$	B1	
	(b)	$\frac{3}{6}$	B1	
7		1.82 m (182 cm)	M1 A1	M1 for converting to the same units A1 for 1.82 m or 182 cm
8		No: they cost £46.95	M1 M1 A1 C1	M1 for 3.16 ÷ 2 (= 1.58) or 6.20 ÷ 4 (= 1.55) M1 for 15 × 1.58 (= 23.70) or 15 × 1.55 (= 23.25) A1 for 46.95 C1 No with correct total
9		Image directly below: the 3-square-wide part 2 squares below the line, the 1-square step touching the line	B1	
10		15 : 1	M1 A1	M1 for 480 : 32 or a partly simplified ratio 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