


Question	Working	Answer	Mark	Notes
1(a)		B, D	2	B2 for B and D (B1 for B or D)
1(b)(i) (ii)		A 3	2	B1 cao B1 cao
2(a)		5.8 cm, 58 mm	2	B1 for 5.8 or 58 B1 for cm or mm
2(b)		Diagram	1	B1 for a cross $\pm 2$ mm
2(c)			1	B1 for a correct circle, radius within $\pm 2$ mm
3(a)	$0.75 + 1.70$	2.45	1	B1 cao
3(b)	$0.75 \times 2 + 1.35$	2.85	2	M1 for $0.75 \times 2 + 1.35$
3(c)	$5 - (0.85 + 1.70)$	2.45	2	A1 cao M1 for $5 - (0.85 + 1.70)$ A1 cao
4(a)(i) (ii)		3467 7643	2	B1 cao B1 cao
4(b)	$? + ? = ? + ?$	Eg. $7 + 3 - 6 = 4$	2	M1 for attempt to rearrange to give 2 sums A1 for a correct statement
4(c)		0	1	B1 cao
5 (i) (ii) (iii)		Sphere Cylinder pyramid	3	B1 cao B1 cao B1 cao

Question	Working	Answer	Mark	Notes
6(a)(i) (ii) (iii) (iv) 6(b)		$5c$ $p^3$ $7g$ $6rp$ $5y - 15$	4    1	B1 cao B1 cao B1 cao B1 cao B1 cao
7(a)  7(b)	  6 x 2	  16  12	  1  2	  B1 cao  M1 for 6 x 2 oe A1 cao
*8(a)  8(b) 8(c)		Fully labeled diagram: Tally chart, bar chart, etc. 4 Plain	3  1 1	B3 for fully labeled and correct diagram [-1 for each error or omission up to a max of -3]  B1 cao B1 cao
9(a)  9(b)	$10 \div 3 \neq 4$ $24 \div 3 \neq 4$	$3/10$ and $8/24$    $2/3$	3    3	M1 for either $10 \div 3 \neq 4$ or $24 \div 3 \neq 4$ oe A1 for $3/10$ A1 for $8/24$  M1 for either attempting to convert to equivalent fractions or diagrams with equal areas of rectangles A1 for correct equiv fractions or shaded diagrams C1 ft for a correct comparison from their working [Note: an answer of $2/3$ only gets 0 marks]

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10(a)		09 30	1	B1 cao
10(b)		2h 45min	2	M1 for 10 45 – 08 00 A1 for 2h 45min oe
10(c)		17	1	B1 cao
10(d)	$24.90 - (24.90 \div 3)$	16.60	3	M1 for $24.90 \div 3$ M1 for $24.90 - '8.30'$ A1 cao
11(a)		(4, 1)	1	B1 cao
11(b)		(3, -0.5)	1	B1 cao
11(c)		9	2	M1 for $\frac{1}{2} \times 6 \times 3$ oe A1 cao
12(a)		April, May	1	B1 cao
12(b)		Daffodil	1	B1 cao
12(c)		February	1	B1 cao
12(d)		Crocus	1	B1 cao
12(e)(i)		$\frac{1}{5}$	2	B1 cao
(ii)		diagram		B1 for a cross beyond the mid-point
13(a)		5.5 to 5.8	1	B1 for answer in the range 5.5 to 5.8
		62 to 68	3	B1 for $14 \times 10 + 4 (= 144)$ M1 for taking a reading from the graph and using it to find the equivalence of '144' A1 for answer in the range 62 to 68
14		Reflection	2	B2 for a fully correct reflection (B1 for reflection in the wrong line or a reflection of a part of the shape in the given mirror line)

Question	Working	Answer	Mark	Notes
15(a)		$8p + 5q$	2	B2 for $8p + 5q$ oe (B1 for $8p$ or $5q$ oe)
15(b)		5	2	M1 for $4 \times 2 - 3$ A1 cao
16	$(27 \times 3 + 4) - (18 \times 3 + 13)$ $= 85 - 67$	18	3	M1 for $27 \times 3 + 4$ or $18 \times 3 + 13$ M1 for $(27 \times 3 + 4) - (18 \times 3 + 13)$ A1 cao
17	$56 - 32 = 24$ watched $14 - 7 = 7$ boys watched $7/56$	$1/8$	4	M1 for $56 - 32 (= 24)$ watched M1 for $14 - 7 (= 7)$ boys watched A1 for $7/56$ A1 ft for $1/8$ (if any cancelling is relevant)
18		Points plotted Positive $155 - 165$	1 1 2	B1 for correct points plotted $\pm 0.5$ square B1 for positive correlation B2 for an answer in the range $155 - 165$ (B1 for a line of best fit drawn if answer outside the range)
19(a)	$30 \times 30 \times 80 \div 6 \times 6 \times 10$ $72000 \div 360$	200	3	M1 for $30 \times 30 \times 80 \div 6 \times 6 \times 10$ Or $30 \div 6 \times 30 \div 6 \times 80 \div 10$
19(b)	Or $30 \div 6 \times 30 \div 6 \times 80 \div 10$ $5 \times 5 \times 8$			M1 for $72000 \div 360$ Or $5 \times 5 \times 8$ A1 cao
19(c)				
19(d)				

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20		Response boxes too vague No time period or vague response boxes	1  1	C1 for a valid explanation  C1 for a valid explanation
21			2  2	B2 cao (B1 for a 2 × 3 rectangle only)  B2 for an accurate 3D sketch (B1 for a 3D sketch with an ‘L’- shaped cross section)
22	Sports 4 all: $5 + 4.5 \times 12 = \text{£}59$ Edexcel: $70 \times 4/5 = \text{£}56$ Keef’s: $50 \times 1.2 = \text{£}60$	Edexcel Sports gives the best deal since $\text{£}56$ is the least cost	5	M1 for $5 + 4.5 \times 12$ M1 for $70 \times 4/5$ M1 for $50 \times 1.2$ A1 for fully correct arithmetic C1 ft for Edexcel Sports supported by ‘correct’ prices
23	Stuart: $r \times 4 + b \times 1 = 4r + b$ Helen: $2 \times 4 + 2b \times 1 = 8 + 2b$	$4r + 3b + 8$	4	M1 for $r \times 4 + b \times 1 (= 4r + b)$ B1 for $2b$ for Helen’s blue cards M1 for $2 \times 4 + 2b \times 1 (= 8 + 2b)$ A1 cao
24	$60000 \times 2/100 = 1200$ $(80000 - 60000) \times 1/100 = 200$ $1200 + 200$	1400	4	M1 for $60000 \times 2/100 (= 1200)$ M1 for $80000 - 60000$ M1 for ‘ $80000 - 60000$ ’ $\times 1/100 (= 200)$ A1 cao

Qu.	Topic/name	AO1	AO2	AO3	Total		FE		Spec Ref	Nu	Man Alg	Non-Man Alg	G	S	Total	Low	Mid.	High	Total
1	Road signs	4			4								4		4	4			4
2	Circle	4			4								4		4	4			4
3	Pete's Cafe	3		2	5		5			5					5	5			5
4	Numbers	3	2		5					5					5	5			5
5	3D Shapes	3			3								3		3	3			3
6	Simplify	5			5						5				5	3	2		5
7	Squares	1	2		3								3		3	3			3
8	Crisps	2	3		5									5	5	5			5
9	Equ Fraction		6		6					6					6	6			6
10	Train	4		3	7		7			3			3	1	7	4	3		7
11	Coordinates	2	2		4							4			4	2	2		4
12	Bulbs	6			6		4							6	6	4	2		6
13	Conversion	1	3		4							4			4	1	3		4
14	Reflection	2			2								2		2	2			2
15	Subs	4			4						4				4		4		4
16	Football		3		3		3				2			1	3		3		3
17	Tennis		4		4					2				2	4		4		4
18	Height / Weight	2	2		4									4	4			4	4
19	Light bulbs		3		3		3						3		3			3	3
20	Questionnaire	2			2		2							2	2			2	2
21	3D sketch	4			4								4		4			4	4
22	Trainers			5	5		5			5					5			5	5
23	Cards			4	4						4				4			4	4
24	Estate agent			4	4		4			4					4			4	4
	Totals	52	30	18	100	0	33	0	0	30	15	8	26	21	100	51	23	26	100
	Percentage	52.0	30.0	18.0	100.0		33.0				Al:	23				51.0	23.0	26.0	
	Foundation % target:	40-50	30-40	15-25			30-40								Target %:	50	25	25	
	Higher % target:	40-50	30-40	15-25			20-30												