Mark scheme

Shapes, solids and congruence

Mathematics 0580 · Questions from Paper 1, Paper 2 and Paper 3

Total marks

23

MARKS FOR EACH QUESTION

1	2	3	4	5	6	7	8	9	10	Total
1	2	2	2	2	2	2	3	3	4	**23**

Question 1 **[1]**

1	Hexagon	**1**	

Question 2 **[2]**

2(a)	Chord drawn	**1**	
2(b)	14	**1**	

Question 3 **[2]**

3(a)	radius	**1**	
3(b)	chord	**1**	

Question 4 **[2]**

4(a)	Cylinder	**1**	
4(b)	Equilateral	**1**	

Question 5 **[2]**

5	**(a)** Trapezium	**1**	Do not allow Trapezoid
	(b) Parallelogram	**1**	

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Question 6 **[2]**

6(a)	trapezium	**1**	
6(b)	rhombus	**1**	

Question 7 **[2]**

7	Parallel	**1**	
	Same length	**1**	

Question 8 **[3]**

8 (a)	Reflex	**1**	
(b) (i)	Drawing of a trapezium	**1**	Ignore labels and no arrows as long as a reasonable sketch.
(ii)	Trapezium	**1**	

Question 9 **[3]**

9(a)	Rectangle	**1**	
9(b)	Two correct properties e.g. 2 pairs of parallel sides Opposite angles are equal Opposite sides are same length Rotational symmetry order 2 Diagonals are not equal	**2**	**B1** for one correct property

Question 10 **[4]**

10(a)	*C*	**1**	
10(b)	Trapezium	**1**	
10(c)	*B* and *G*	**1**	Both correct
10(d)	*D* and *F* or *B* and *G*	**1**	Both correct

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