

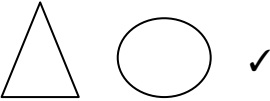


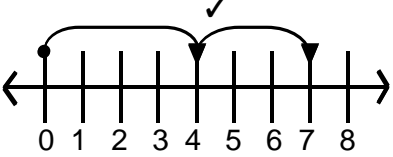
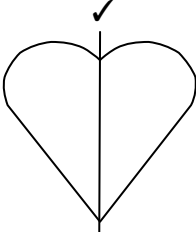

MARKS: 20

This memorandum consists of 2 pages.

1. Give full marks for answers only, unless otherwise stated.
2. Accept any alternative correct answer or method that is not included in the memorandum unless otherwise stated.

NO HALF MARKS MAY BE ALLOCATED.

QUESTION	EXPECTED ANSWERS	MARK(S)	
1.		<ul style="list-style-type: none">• Allocate 1 mark for the correct sequence only.• Accept if the pattern is correctly repeated more than once.	1
2.1	9 ✓	1	
2.2	nine ✓	<ul style="list-style-type: none">• Do not penalise for spelling errors.• Accept the correct answer in any official language.	1
3.	3, 4, 6, 13, 14 ✓	Allocate 1 mark for the correct sequence only .	1
4.	16 ✓		1
5.	1 + 11 or 2 + 10 or 3 + 9 or 4 + 8 or 5 + 7 or 6 + 6 or 0 + 12 ✓	Accept any correct combination.	1
6.	13/thirteen ✓	Do not penalise for spelling errors.	1
7.	4 + 4 + 4 = 12 ✓		1
8.	✓ 12 – 3 – 3 – 3 – 3 ✓ or 3 ✓✓	<ul style="list-style-type: none">• Allocate 1 mark for any correct method and 1 mark for the correct answer.• Allocate 2 marks for the correct answer only.	2

9.	$R2 + R1 + R5 = R8$ ✓ or 8 ✓✓	<ul style="list-style-type: none"> Allocate 1 mark for any correct method and 1 mark for the correct answer. Allocate 2 marks for the correct answer only. 	2			
10.	 <p>Accept any correct jumps shown on the number line.</p>		1			
11.	6 ✓		1			
12.	<table border="1" data-bbox="284 779 587 831"> <tr> <td>20</td> <td>25</td> <td>30</td> </tr> </table> ✓	20	25	30	Allocate 1 mark for the correct sequence only and all the numbers must be listed.	1
20	25	30				
13.	circle ✓		1			
14.		A dotted or a solid line is acceptable as long as the line indicates symmetry.	1			
15.	12/twelve ✓	Do not penalise for spelling errors.	1			
16.	 <p>Accept if the correct answer is indicated in any other way.</p>		1			
17.	1 ✓		1			
Total: 20						