

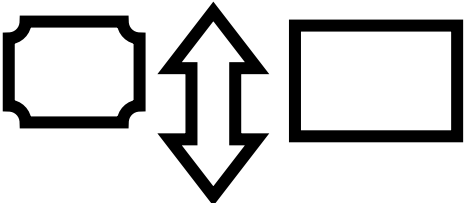


ST NICHOLAS COLLEGE
HALF YEARLY PRIMARY EXAMINATIONS
February 2017

YEAR 6

MATHEMATICS WRITTEN

Marking Scheme

No.	Requirements	Mark	Additional Guidance
1. a)	1,436	1	c.a.o.
b)	706	1	c.a.o.
c)	1,896	1	c.a.o.
d)	127	1	c.a.o.
2. a)	120cm	1	c.a.o.
b)	0.5 ℓ	1	c.a.o.
c)	15cm	1	c.a.o.
d)	1.05kg	1	c.a.o.
3. a)	3 equal sides	1	c.a.o. only these 2 answers marked
(i)	All angles are equal		
(ii)	2 equal angles 1 line of symmetry	1	c.a.o. only these 2 answers marked
b)			
(i)	2 right angles	1	c.a.o.
(ii)	4 right angles	1	c.a.o.
4. a)	2.8 cm	1	c.a.o.
b)	4.2 cm	1	c.a.o.
c)	70 mm	1	c.a.o.
d)	1.4 cm	1	c.a.o.
5. a)		3	c.a.o. 1 mark for each correct shape ticked

b)	Accurate completion of shading 10 squares	2	c.a.o
6.	i) 36 ii) 24 iii) 21 iv) 101 v) 46	5	1 mark each c.a.o.
7. a)	300 320 315	3	1 mark each c.a.o.
b)	i) 1 part shaded ii) 3 parts shaded	1 1	c.a.o. c.a.o.
8. a)	24 packs	1	c.a.o.
b)	290 cards	1 1	Multiplication c.a.o. Addition seen or implied
c)	$15/290$ or $3/58$ or equivalent	2	c.a.o. 1 mark addition seen or implied
9. a)	€3.55	1	c.a.o.
b)	€0.60	2	c.a.o. 1 mark addition and subtraction seen or implied
c)	Chips ticked	2	c.a.o. 1 mark subtraction seen or implied
10a)	1110 spaces	1	c.a.o
b)	725 spaces	3	c.a.o. 1 mark subtraction from 495 seen or implied 1 mark subtraction from 1110 seen or implied
c)	9 hours 50 minutes	1	c.a.o

11a)	€11.85		1	c.a.o.																									
b)	Week 6		2	c.a.o. 1 mark addition seen or implied																									
c)	Week 8		2	c.a.o. 1 mark addition seen or implied																									
12																													
a)	32 cm		1	Any working with the right reasoning should be given a mark.																									
b)	20 cm		2																										
c)	16cm ²		2																										
13a)	20 22.5		2	c.a.o																									
b)	Graph filled correctly – line joined		2	c.a.o																									
c)	i) 24.5 18.5 ii) 10:00 11:00		1 1	Both answers are filled correctly in i) and ii)																									
14)	<table border="1" style="display: inline-table; vertical-align: middle;"> <thead> <tr> <th>Class</th> <th>Football</th> <th>Netball</th> <th>Hockey</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>6.1</td> <td>7</td> <td>7</td> <td></td> <td></td> </tr> <tr> <td>6.2</td> <td>16</td> <td></td> <td>8</td> <td></td> </tr> <tr> <td>6.3</td> <td>10</td> <td>10</td> <td>10</td> <td></td> </tr> <tr> <td>Total</td> <td>33</td> <td>26</td> <td>31</td> <td></td> </tr> </tbody> </table>	Class	Football	Netball	Hockey	Total	6.1	7	7			6.2	16		8		6.3	10	10	10		Total	33	26	31			1 1 1 3	Both answers correct Both answers correct All answers correct 1 mark for each correct total
Class	Football	Netball	Hockey	Total																									
6.1	7	7																											
6.2	16		8																										
6.3	10	10	10																										
Total	33	26	31																										
15a)	B = 15 C = 20 D = 25		3	c.a.o.																									
b)	150-400-450 or 250-400-350 or 350-200-450 or 350-400-250 or 450-200-350 or 450-400-150		3	c.a.o.																									
16)	Mystery no is 63		6	c.a.o.																									

Legend to Marking Scheme: c.a.o. correct answer only

f.t. follow through

Other guidelines:

1. No mark in the marking scheme is sub-divisible.
2. Even if no marking is shown, a correct answer scores full marks.
3. Incorrect answers – even if though nearly correct – score no marks.
4. Incorrect working or statement following a correct answer is ignored.
5. An answer or working that is crossed out and not replaced is marked as if it was not crossed out. If the answer or working is replaced, then the crossed out answer or working should not be considered in your marking.
6. If the answer is copied from the working area to the answer area incorrectly, then the marks are awarded fully.
7. Misread loses only the final accuracy mark but f.t. may be allowed on subsequent parts. The method marks may still be earned, provided that the part question is not oversimplified.