



ST NICHOLAS COLLEGE
HALF YEARLY PRIMARY EXAMINATIONS
February 2018

YEAR 4

MATHEMATICS

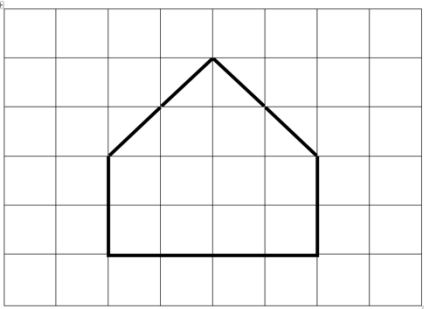
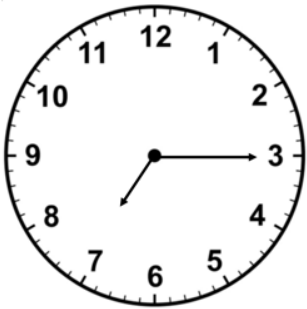
MARKING SCHEME

MENTAL PAPER

No.	Requirements	Mark	Additional Guidance
1	40	1	c.a.o.
2	8	1	c.a.o.
3	500 cm	1	c.a.o.
4	60	1	c.a.o.
5	24	1	c.a.o.
6	84c	1	c.a.o.
7	24	1	c.a.o.
8	10	1	c.a.o.
9	30	1	c.a.o.
10	Cube or cuboid	1	c.a.o.
11	284	1	c.a.o.
12	4	1	c.a.o.
13	1:30	1	c.a.o.
14	2,000 ml	1	c.a.o.
15	300	1	c.a.o.
16	420c	1	c.a.o.
17	$\frac{1}{4}$	1	c.a.o.
18	55	1	c.a.o.
19	8c	1	c.a.o.
20	6 o'clock	1	c.a.o.

WRITTEN PAPER

No.	Requirements	Mark	Additional Guidance
1a	43	2	c.a.o.
b	55	2	c.a.o.
c	751	1	c.a.o.
	951	1	c.a.o.
d	35	2	c.a.o.
e	21	2	c.a.o.
f	2 tens	2	c.a.o.
g	130 cm	2	c.a.o.
h	53	2	c.a.o.
i	74 – even	1	c.a.o.
	31 – odd	1	c.a.o.
j	57 c	2	c.a.o.
2a	542	1	c.a.o.
b	245	1	c.a.o.
c	24 or 42 or 54	1	c.a.o.
d	25 or 45	1	c.a.o.

3a		2	c.a.o.
b	pentagon	1	c.a.o.
c	5 sides	1	c.a.o.
4a	$\frac{2}{3}$ or $\frac{4}{6}$	1	c.a.o.
b	$\frac{1}{2}$ or $\frac{2}{4}$	1	c.a.o.
c	Any 6 parts must be shaded.	2	c.a.o.
5a		2	c.a.o. (award marks only if both hour and minutes hands are accurately drawn)
b	30 minutes	2	award 1 mark for a valid attempt to calculate time span
6a	10 cm	1	c.a.o.
b	250 ml	1	c.a.o.
c	10 minutes	1	c.a.o.
d	21 cm	1	c.a.o.
e	5 ml	1	c.a.o.

7a	5 faces	1/2	c.a.o.
	8 edges	1/2	c.a.o.
b	pyramid	1/2	c.a.o.
c	6 faces	1/2	c.a.o.
	12 edges	1/2	c.a.o.
d	cube	1/2	c.a.o.
e	sphere	1	c.a.o.
8a	143 - 7	1	seen or implied
	136	1	c.a.o.
b	156	2	c.a.o. (f.t. from 8a)
c	13	2	c.a.o. (f.t. from 8b)
9a	€1.62	2	c.a.o.
b	€6.22 + €1.62	1	seen or implied
	€7.84	1	c.a.o.
c	€7.74	2	c.a.o. (f.t. from 9b)
10a	$\frac{1}{4}$ of 24	1	seen or implied
	6	1	c.a.o.
b	18	2	c.a.o. (f.t. from 10a)
c	$\frac{2}{3}$	2	c.a.o.

11a	2500 ml	2	c.a.o.
b	250 ml + 250 ml	1	seen or implied.
	500 ml	1	c.a.o.
c	2000 ml	2	c.a.o. (f.t. from 11b)
12a	West	1	c.a.o.
b	North	1	c.a.o.
c	East	1	c.a.o.
	South	1	c.a.o.
d	A cross (x) marked anywhere north of the rowboat.	2	c.a.o.
13a	12	1	c.a.o.
	24	1	c.a.o. (f.t.)
	18	1	c.a.o. (f.t.)
	6	1	c.a.o. (f.t.)
	60	1	c.a.o. (f.t.)
	30	1	c.a.o. (f.t.)

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 working is shown, a correct answer scores full marks.
3. Incorrect answers – even though nearly correct – score no marks.
4. Incorrect working or statements 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.