

St. Nicholas College

HALF YEARLY EXAMINATION
FEBRUARY 2009
Year 4

Maths

Name: _____ Class: _____

Time: 1 hour 15 minutes

Total Number of Marks:

1. Work out the following:

(15 x 2 marks = 30 marks)

| | QUESTION | ANSWER |
|----|---|--------|
| a. | $500 + 60 + 9$ | |
| b. | $6 + \underline{\quad} = 20$ | |
| c. | $12 + 9 + 5 + 8 =$ | |
| d. | $86 - \underline{\quad} = 80$ | |
| e. | $4 \times \underline{\quad} = 32$ | |
| f. | $39 - 8 - 6 =$ | |
| g. | $24 \div 6 =$ | |
| h. | $\frac{1}{3}$ of 21 is | |
| i. | $45 + \underline{\quad} = 100$ | |
| j. | Write in figures: two hundred and sixteen | |
| k. | How much more must I add to 87 to make the next 10? | |
| l. | Work out the double of 45 | |
| m. | Work out half of €1.60 | |
| n. | How many 5c coins in 70c? | |
| o. | Write the value of the underlined digit: 4 <u>8</u> 1 | |

2. Fill in correctly using these numbers:

(4 x 1mark= 4 marks)

386

683

368

836

- a) Write the number which has 3 in the units position.
b) Write the number which has 6 in the tens position.
c) Write the number which has 8 in the hundreds position.
d) These cards $\boxed{300} + \boxed{80} + \boxed{6}$ make this number.

| |
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| |
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| |
| |

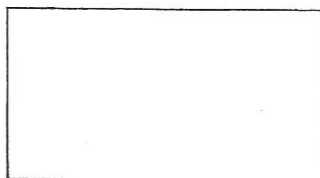
3. Continue these number patterns:

(20 x $\frac{1}{2}$ mark = 10 marks)

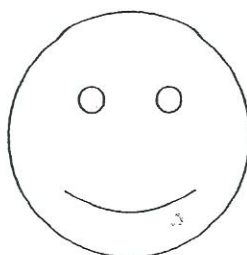
- a) 267, 268, _____, _____, _____, _____, 273.
b) 558, 568, _____, _____, _____, _____, 618.
c) 984, 983, _____, _____, _____, _____, 978.
d) 212, 312, _____, _____, _____, _____, 812.
e) _____, _____, 510, 520, 530, _____, _____.

4. Draw all the lines of symmetry of these shapes. (3 x 2 marks = 6 marks)

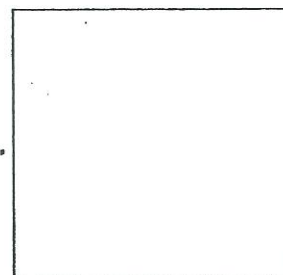
a)



b)



c)

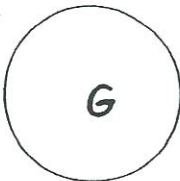
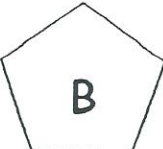
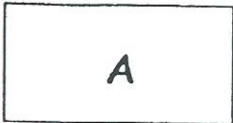
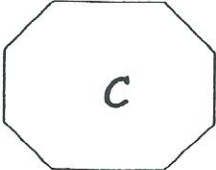
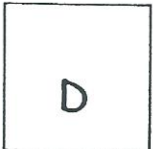




5. Write down the letter of each shape next to its correct name:

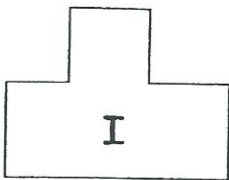
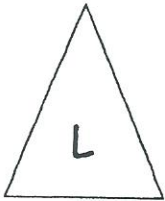



(12 x $\frac{1}{2}$ mark = 6 marks)



Example:

| | | |
|----------|--------|----------|
| G | circle | H |
|----------|--------|----------|

| | | |
|--|-----------|--|
| | pentagon | |
| | rectangle | |
| | triangle | |
| | octagon | |
| | square | |
| | hexagon | |

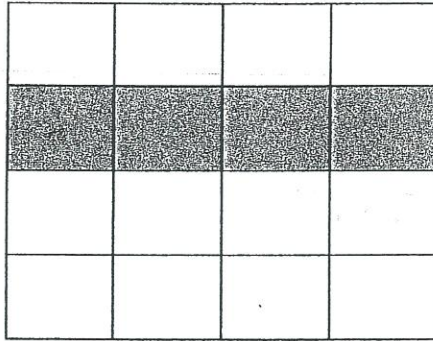



6. a) Shade $\frac{3}{4}$ of this shape.

(2 x 2 marks = 4 marks)

| | | | |
|--|--|--|--|
| | | | |
| | | | |

b) What fraction is shaded? Write $\frac{1}{2}$, $\frac{1}{4}$ or $\frac{1}{8}$



| |
|--|
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| |

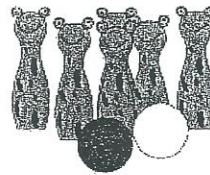
7. Matthew, Luke and Sara are at a toy shop. (a - c = 3 x 2 marks = 6 marks)
(d = 4 x 1 = 4 marks)



teddy bear
€2.75



skateboard
€1.85



skittles
63c



doll
47c



car
80c

a) Matthew buys the skittles and the car. How much does he spend in all?

_____c

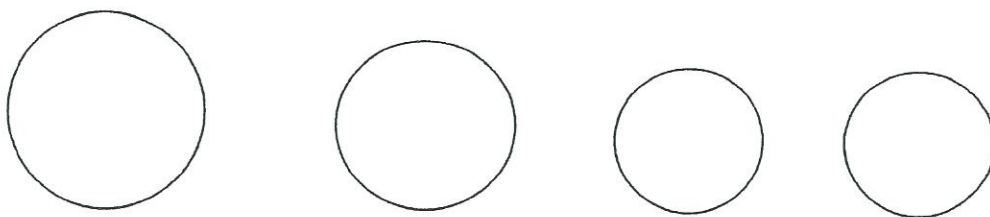
b) Sara buys the doll. What change does she get from a €1 coin?

_____c

c) Luke wants to buy the skate board but he has only €1.50c. How much more money does he need?

_____c

d) I want to buy the teddy bear which costs €2.75. Which fewest coins can I use to give the shopkeeper the exact amount?



8. Write in words the time shown on these clocks (3 x 2 marks= 6marks)



a) It is _____ It is _____

b) The time now is 5:15 → 10minutes later it will be _____

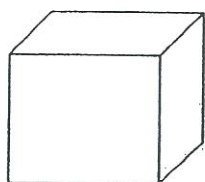
c) The time now is 2:40 → 20minutes later it will be _____

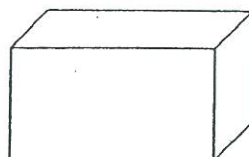
9. a) Fill in the names of these solid shapes:

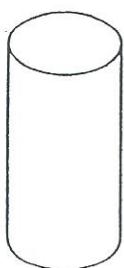
(6 × 1 mark = 6 marks)

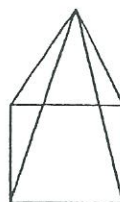
(Choose from the list below)

| | | | | | |
|--------|------|--------|----------|------|---------|
| sphere | cone | cuboid | cylinder | cube | Pyramid |
|--------|------|--------|----------|------|---------|

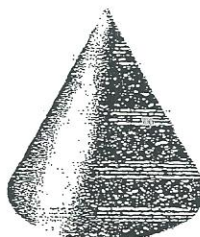












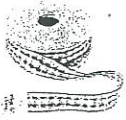
b) Fill in this table:

(6 × $\frac{1}{2}$ mark = 3 marks)

| Name of Shape | Faces | Edges | Vertices |
|---------------|-------|-------|----------|
| Cylinder | | | 0 |
| Cuboid | 6 | | |
| Cone | | 1 | |

10. Ann's mother has a roll of ribbon which is 10m long. She cuts 4 pieces each 1m 10cm long. What is the length of ribbon left?

(3 marks)



_____m _____cm

11. Ben has three bottles of water. One bottle holds 2 litres, the other holds 1 litre while the other bottle holds $\frac{1}{2}$ a litre of water. How many millilitres of water does he have in all?

(3 marks)



2 litres



1 litre



$\frac{1}{2}$ litre

_____ml

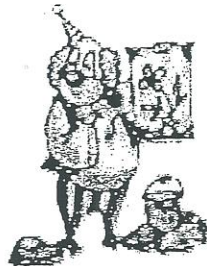
12. Look at these pictures and then answer the questions below:

(a - d = 4 x 2 marks = 8 marks)

(e = 1 mark)



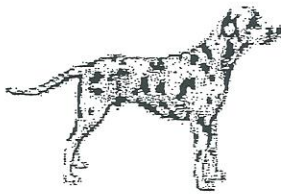
girl



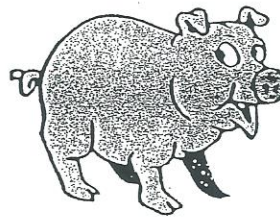
clown



tortoise



dog



pig

- a) In which direction from the girl is the dog? _____
- b) From the pig, in which direction is the clown? _____
- c) From the tortoise, in which direction is the girl? _____
- d) In which direction from the dog is the pig? _____
- e) Mark with an X the direction which is East of the pig.
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