MARIS STELLA HIGH SCHOOL (PRIMARY)
SEMESTRAL ASSESSMENT 2
MATHEMATICS
31 OCTOBER 2011

BOOKLET A

Name   : _____ (   )

Class   :   Primary 2 (   )

Time Allowed :   1 hour   30 minutes

- Do not open this booklet until you are told to do so.

- Follow all instructions carefully.

- Answer all questions.

- Check your work.

Marks for Booklet A : _____ /40

Parent's Signature: _____

Section A: 40 marks (20 x 2 marks)

Choose the correct answer for each question and write its number in the bracket provided.

1. The digit 7 in 874 stands for ____*____.

    (1) 7 ones   (2) 7 tens

    (3) 7 hundreds   (4) 7 thousands   (   )

2. 4 X 5 is the same as ____*____.

    (1) 4 + 5   (2) 4 + 4 + 4 + 4

    (3) 5 + 5 + 5 + 5   (4) 5 + 5 + 5 + 5 + 5   (   )

3. Sally has some sweets. She packs them into 4 bags of 5 sweets each. She has 3 sweets left after packing.
    How many sweets does Sally have in all?

    (1) 8   (2) 12

    (3) 20   (4) 23   (   )

4. The mass of a mechanical pencil is about ____*____.

    (1) 8 g   (2) 8 kg

    (3) 800 g   (4) 800 kg   (   )

1

5. $\frac{1}{3}$ of a figure is **not shaded**.

The figure is ____*____ .

(1)

(2)

(3)

(4)

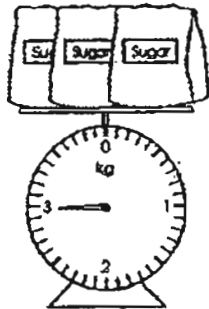(   )
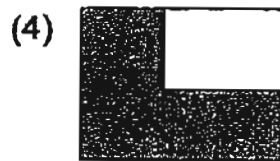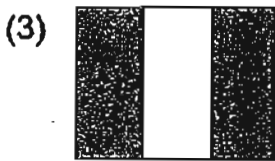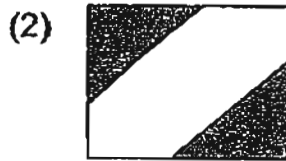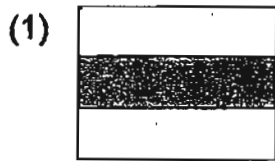
6.   Look at the picture below.

What is the mass of 1 bag of sugar?

(1) 1 kg   (2) 2 kg

(3) 3 kg   (4) 6 kg   (   )

7.   I have 10 twenty-cent coins and some fifty-cent coins.

All these coins add up to $5.

How many fifty-cent coins do I have?

(1) 8   (2) 6
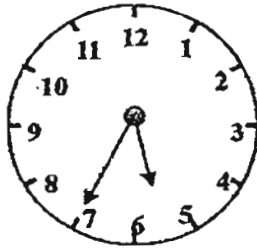
(3) 3   (4) 4   (   )

8. Look at the clock.

This clock is 30 minutes slow.

What is the actual time?

(1) 4.50   (2) 5.05

(3) 5.50   (4) 6.05   (   )

9. Look at the pattern below.

What comes next?

| 35 | → | 45 | → | 65 | → | 75 | → | 95 | → | 105 | → | 125 | → | * | → |

(1) 115   (2) 145

(3) 130   (4) 135   (   )

10.

☆ + ☆ + 2 = 18

♡ − 2 = ☆

What does ♡ stand for?

(1) 8   (2) 10
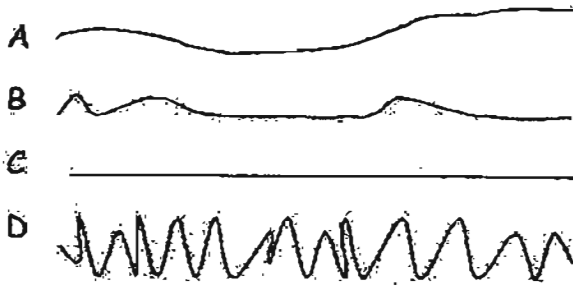
(3) 12   (4) 16   (   )

3

11. Which is the shortest line?

A
B
C
D

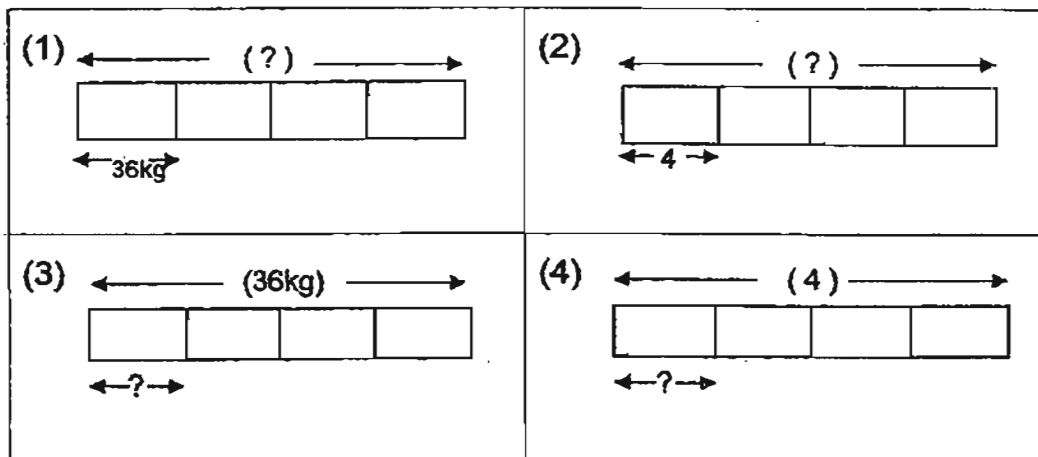(1) Line A   (2) Line B

(3) Line C   (4) Line D   (   )

12. The baker had 36kg of flour. He put the flour equally into 4 trays.

How much flour was there in each tray?

Which one of the following models is correct?

(1) ←——— (?) ———→
36kg

(2) ←——— (?) ———→
← 4 →

(3) ←——— (36kg) ———→
←?→

(4) ←——— (4) ———→
←?→

(   )

13. 701 cents = ____*____.

    (1) $7.01   (2) $70.10

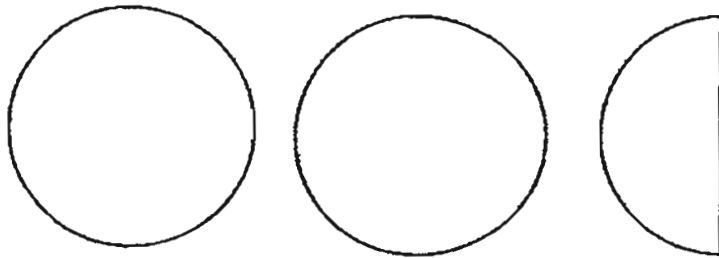   (3) $71.00   (4) $701.00   (   )

14. What is the total number of quarter circles in the figure below?

    (1) 10   (2) 9

    (3) 3   (4) 5   (   )

15. Jane had 12 cookies. She shared the cookies **with** her 3

    friends equally. How many cookies did each person get?

    (1) 15   (2) 9

    (3) 3   (4) 4   (   )

16. Which one of the following letters has more than 2 curved lines?

    (1) e   (2) i

    (3) a   (4) h

                                                      (   )

5

17. The graph shows the favourite exercises of all the pupils in Class 2J.

How many pupils are there in Class 2J?
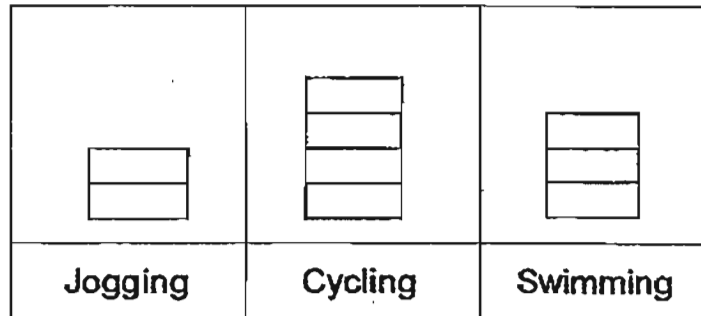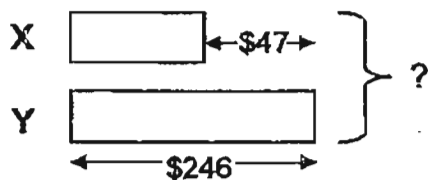

Each ☐ stands for 4 children

(1) 9

(2) 13

(3) 36

(4) 40

( )

18. Look at the model below.

X cost $47 less than Y. How much do X and Y cost altogether?

(1) $199

(2) $293

(3) $445

(4) $447

( )

6

19. A farmer collected 700 apples.

He sold 5 apples to each of his 9 friends

How many apples had he left?

(1) 45   (2) 645

(3) 655   (4) 695   (   )

20. How many **more** triangles must be shaded so that $\frac{1}{2}$ of the figure is

shaded?

(1) 6   (2) 8

(3) 3   (4) 4   (   )

MARIS STELLA HIGH SCHOOL (PRIMARY)
SEMESTRAL ASSESSMENT 2
MATHEMATICS
31 OCTOBER 2011

BOOKLET B

Name : _____ ( )

Class : Primary 2 ( )

Time Allowed : 1 hour 30 minutes

- Do not open this booklet until you are told to do so.

- Follow all instructions carefully.

- Answer all questions.

- Check your work.

Booklet A	/ 40
Booklet B	/ 60
Total Marks	/100

Parent's Signature: _____
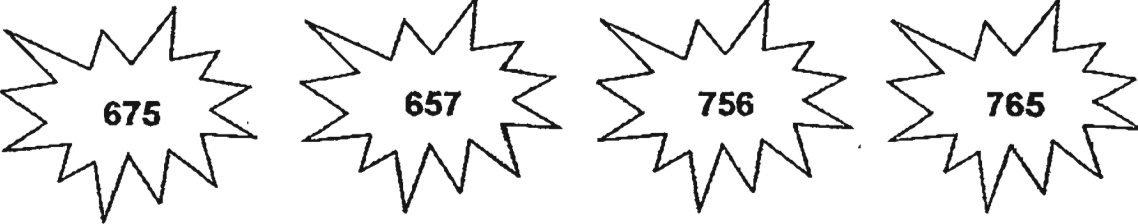
Fill in the blanks with the correct answer.

21. a) Write the following number in words.

894	

   b) Arrange these numbers in order.

   Begin with the **greatest**.

   675   657   756   765

   _____ , _____ , _____ , _____ ,

22. Write one multiplication sentence and one division sentence for the

   picture below.

   ☆☆☆☆   ☆☆☆☆   ☆☆☆☆
   ☆☆☆☆   ☆☆☆☆

   a) ☐ (x) ☐ (=) ☐

   b) ☐ (÷) ☐ (=) ☐

23. Fill in the each box with the correct digit.

$$
\begin{array}{r}
8\ \ 0\ \ \boxed{} \\
-\ 2\ \ \boxed{}\ \ 7 \\
\hline
5\ \ 4\ \ 6 \\
\hline
\end{array}
$$

24. Study the pattern carefully. Write the missing number in the circle.
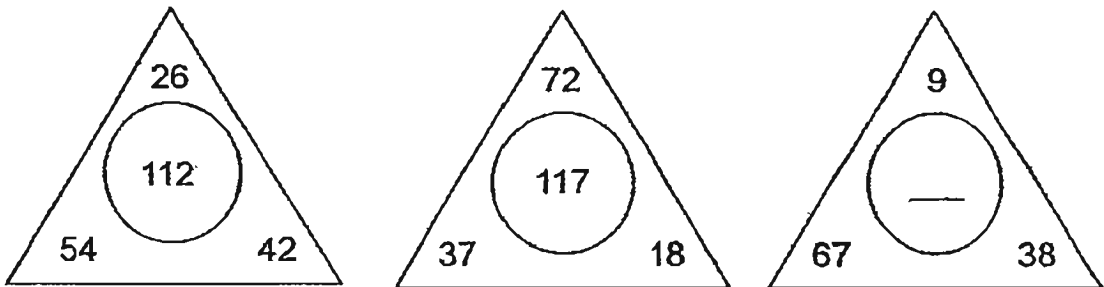
25. Look at the gift box shown below.

It has _____ flat surface(s) and _____ curved

surface(s).

9

26. Look at the figure below.
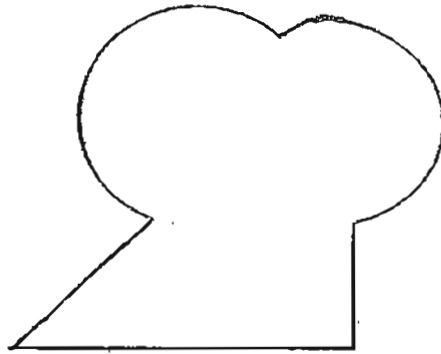
The figure is made up of _____ semicircles and

_____ triangles.

27. A loaf of bread is cut into 8 equal slices.

Fabian and Ben each ate 2 slices of bread.

What fraction of the bread is left?

_____ of the bread is left.

28. One morning, Mr Lim set off from Town X to Town Z.

4 hours later, he stopped at Town Y for lunch.

After 1 hour of lunch, he took 2 hours to reach Town Z.
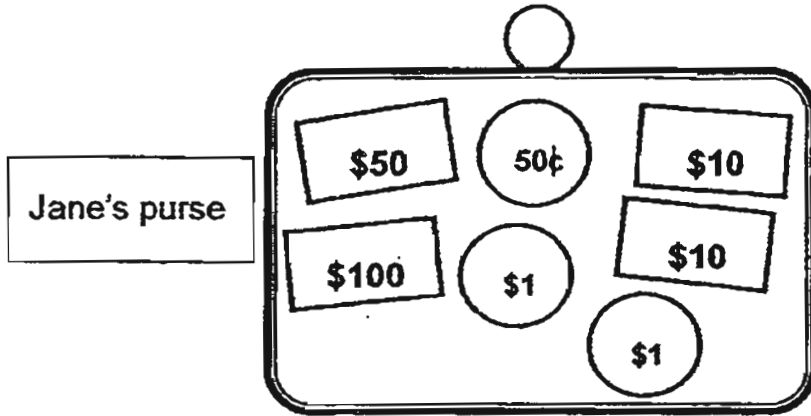
What time did he reach Town Z?

Set off from Town X
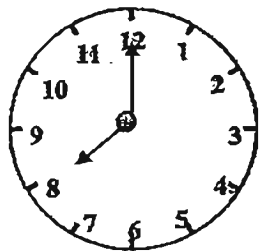
He reached Town Z at _____

29. Look at the picture below.
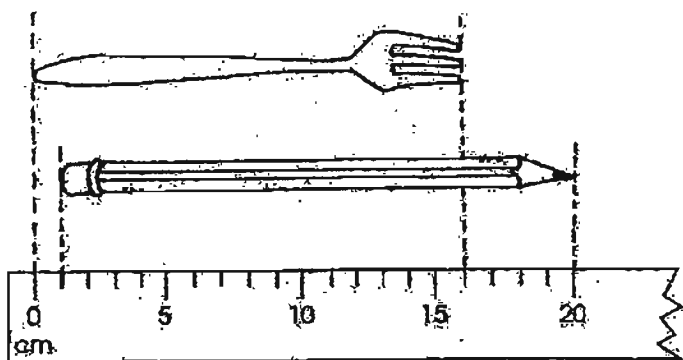
The pencil is _____ cm longer than the fork.

30. Look at the amount of money Jane has in her purse.

She wants to buy a handphone which costs $215.

How much more does she need?

Jane's purse

$50   50¢ $10

$100 $1 $10

$1

She needs $ _____ more.

31. Look at the model below.

Weiming and Ahmad like to collect stickers.

Ahmad gave Weiming some stickers.

After that, they both had the same number of stickers.
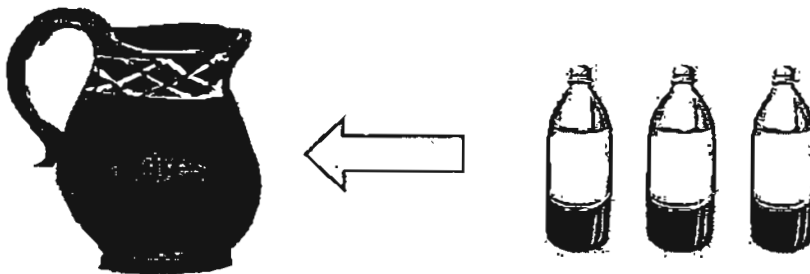
How many stickers did Ahmad give Weiming?
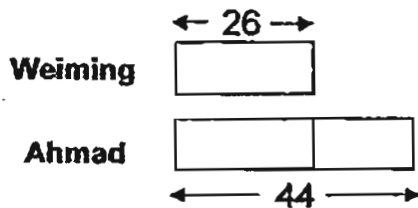
Weiming
← 26 →

Ahmad
← 44 →

Ahmad gave Weiming _____ stickers.

32. Look at the picture below.

What is the mass of the basket of apples?

Mass of Durians	Mass of Mangoes	Mass of Durians, Mangoes and Apples
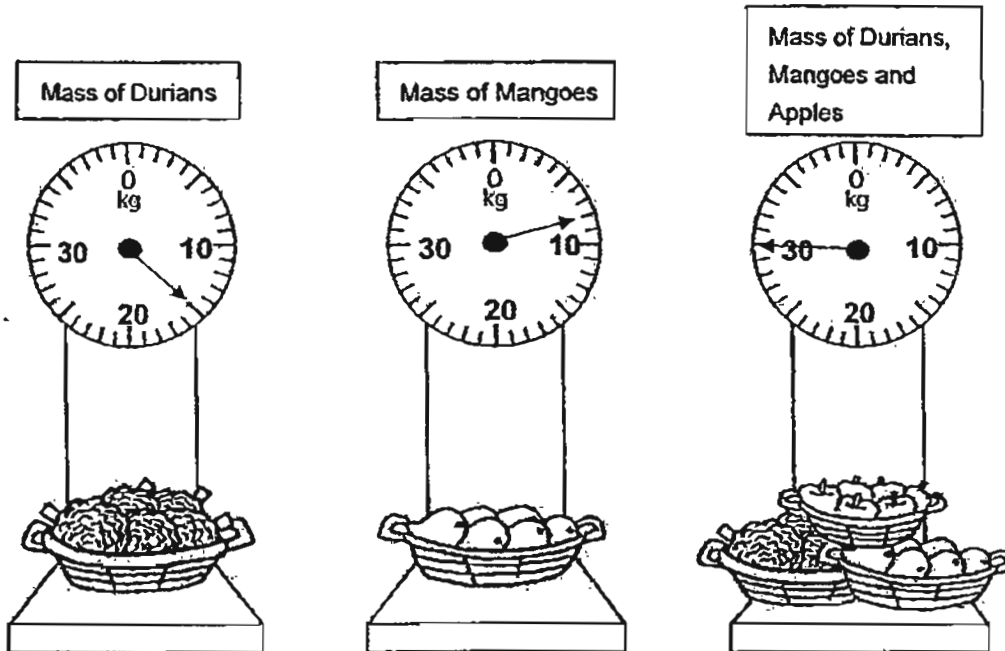
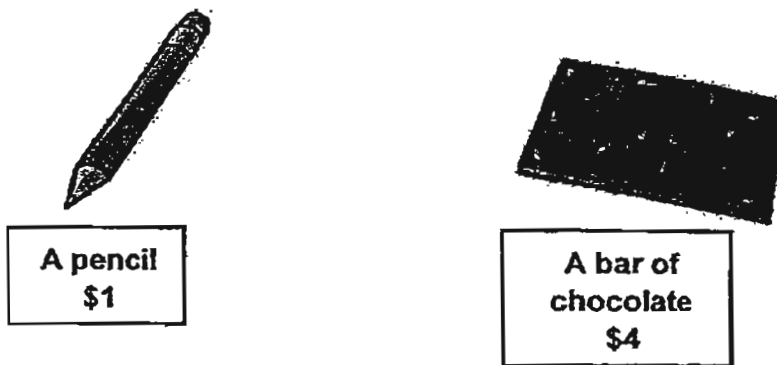The mass of the basket of apples is _____ kg.

33.

The jug can hold 6 litres of water.

3 bottles of water are needed to fill up the jug completely.

How much water can each bottle hold?

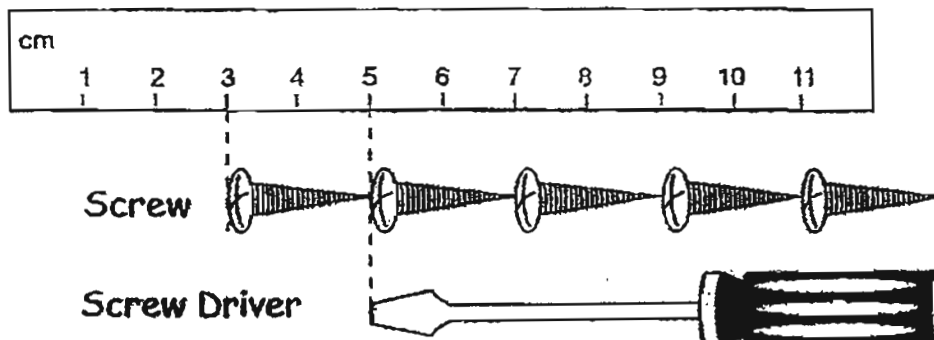Each bottle can hold _____ litres of water.

34.

| A pencil $1 | A bar of chocolate $4 |

Gary had $20. He used all his money to buy **the same number** of pencils and chocolates. How many pencils did he buy?
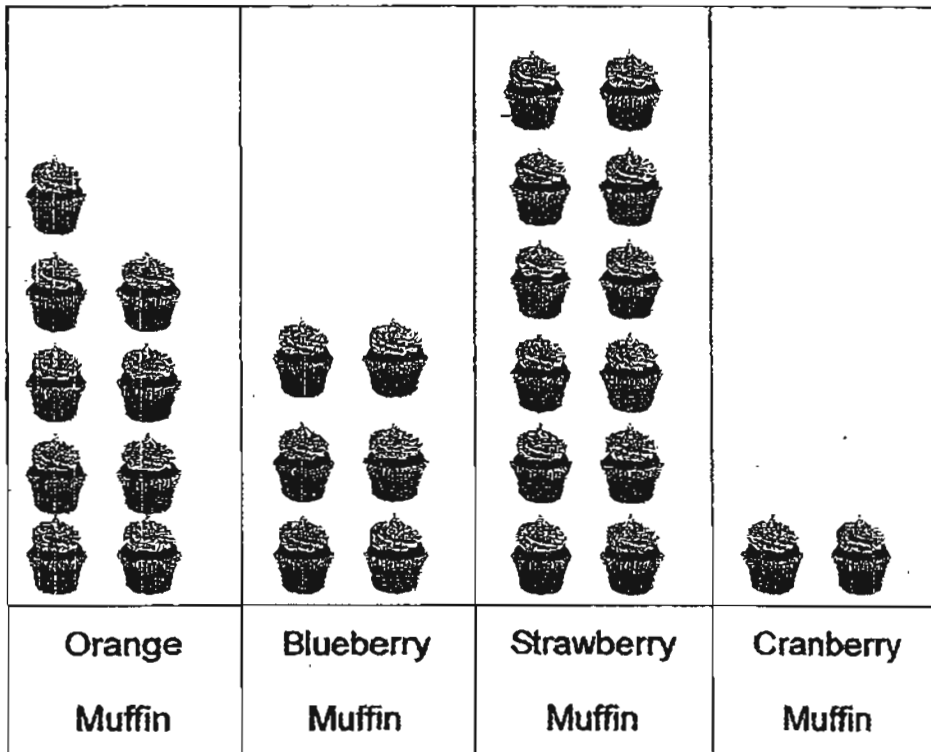
He bought _____ pencils.

35. Look at the picture below.

The screwdriver is _____ cm long.
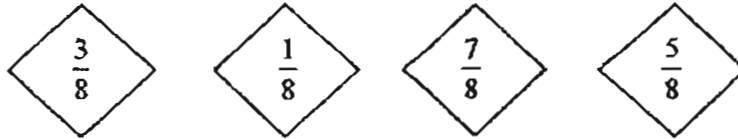
36. Study the picture graph carefully.
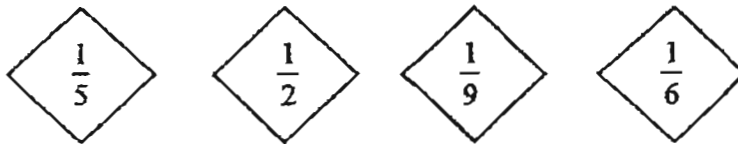
Muffins baked by Ravi

Each 🧁 stands for 2 muffins

a) Ravi baked _____ more strawberry muffins than cranberry muffins.

b) If Ravi sold each muffin for $1, he would earn $_____ from selling all his muffins.

37.   a)   Arrange the fractions in order beginning with the **greatest**.

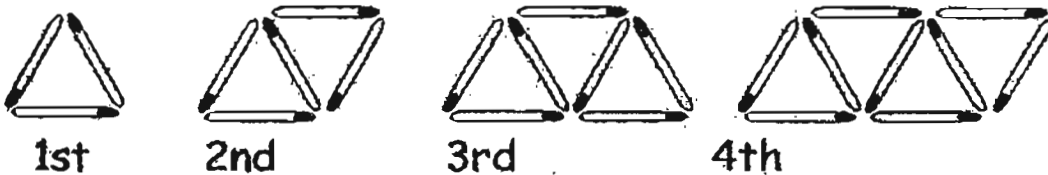$\dfrac{3}{8}$ $\dfrac{1}{8}$ $\dfrac{7}{8}$ $\dfrac{5}{8}$

_____ , _____ , _____ , _____

   b)   Arrange the fractions in order beginning with the **smallest**.

$\dfrac{1}{5}$ $\dfrac{1}{2}$ $\dfrac{1}{9}$ $\dfrac{1}{6}$

_____ , _____ , _____ , _____

38.   Bob is building structures using some sticks to form a pattern.

Look at the pattern carefully.

1st   2nd   3rd   4th

Bob needs _____ sticks for the **7th** structure in the

pattern.
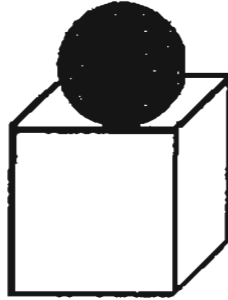
16

39. Look at the figures below carefully.

Figure A

Figure B

a) Figure _____ has more flat surface(s).

b) Figure A has _____ less curved surface(s) than Figure B.

40.

Balloons
$2

Teddy Bear
$8

Board Game
$10

Chocolate
$4

Gary bought 3 different items.

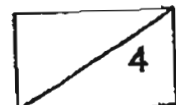He gave the cashier $50 and received $36 change.

What items did he buy?

He bought _____.

Study the following problems. Show your working, number sentences and final statements clearly.

41. Clare bought 574 toothpicks for a class project.

    She bought 189 fewer toothpicks than Henry.

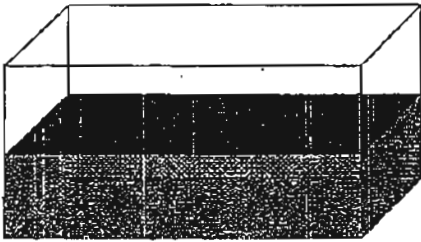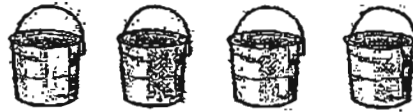   How many toothpicks did Henry buy?

Workings

4

42. A tank can hold 16 ℓ of water.

Peter used 4 pails of water to fill up half of the tank.
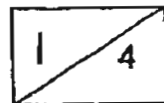
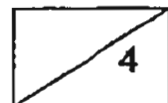How much water can each pail hold?

tank

pail

Workings

| 1 | 4 |

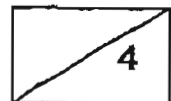43. 1kg of rambutans cost $4.

Mdm Lina bought 7kg of rambutans.

If she had $85 at first, how much had she left?
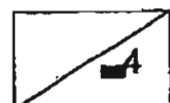
4

44. Sam baked a cake and cut it into 9 equal pieces.

He gave 3 pieces to his mother and ate $\dfrac{2}{9}$ of the cake.

What fraction of the cake was left?
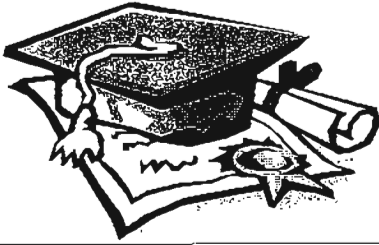
4

45. Jimmy jogged for a distance of 250m on the first day, 260m on the second day, 280m on the third day, 310m on the fourth day and so on. If he continues jogging in the same pattern, how far would he have jogged on the 6th day?
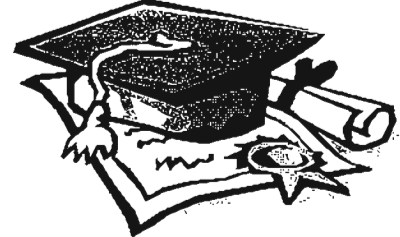
ANSWER SHEET

SCHOOL : MARIS STELLA
SUBJECT : PRIMARY 2 MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
2	3	4	1	3	1	2	4	4	2	3	3	1	1	3	1	3

Q18	Q19	Q20
3	3	4

21)a)eight hundred and ninety-four   b)765, 756, 675, 657   22)a)5 x 4 = 20
                                                                  b)20 ÷ 4 = 5

23) 803   24)104   25)4, 2   26)2, 3   27)4/8
    -257
    546

28)3.00p.m.   29)3   30)$42.50   31)9   32)7kg   33)2

34)4   35)8cm   36)a)20   b)$58   37)a)7/8, 5/8, 3/8, 1/8

37)b)1/9, 1/6, 1/5, ½   38)15   39)a)A   b)1

40)balloons, teddy bear and chocolate

41)574 + 189 = 763
Henry bought 763 toothpicks.

42)16 ÷ 2 = 8
    8 ÷ 4 = 2
Each pail can hold 2L of water.

43)7 x $4 = $28
    $85 − $28 = $57
She left $57 in the end.

44)9/9 − 3/9 − 2/9 = 4/9
The fraction of the cake left is 4/9.

45)
Day	Distance jogged
1st	250m
2nd	260m
3rd	280m
4th	310m
5th	350m
6th	400m

280 + 30 = 310
310 + 40 = 350
350 + 50 = 400m
He jogged 400m on the 6th day.