MARIS STELLA HIGH SCHOOL (PRIMARY)
SEMESTRAL ASSESSMENT 2
PRIMARY 2 MATHEMATICS
27 OCTOBER 2017

BOOKLET A

20 questions

20 marks

Total time for Booklets A and B: 1 h 30 min

NAME :_____( )

CLASS : PRIMARY 2 _____

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FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

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Section A: 20 marks (20 x 1 marks)

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

1. In 639, the value of the digit in the tens place is _____.

   (1) 3 ones
   (2) 30 ones
   (3) 30 tens
   (4) 30 hundreds

   ( )

2. The odd number that comes before 367 is _____.

   (1) 365
   (2) 366
   (3) 368
   (4) 369

   ( )

3. 258 + _____ = 732.

   (1) 474
   (2) 526
   (3) 980
   (4) 990

   ( )

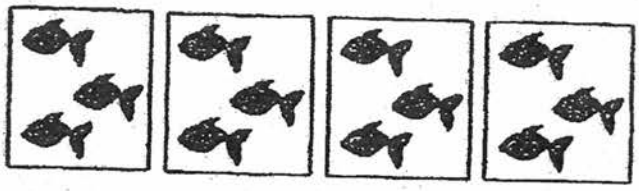
4. The mass of a pet cat is _____.

   (1) 4 g
   (2) 40 g
   (3) 4 kg
   (4) 40 kg

   ( )

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5. James counted the number of fishes in the picture below.



Which of the following is correct?

(1) 3 + 4

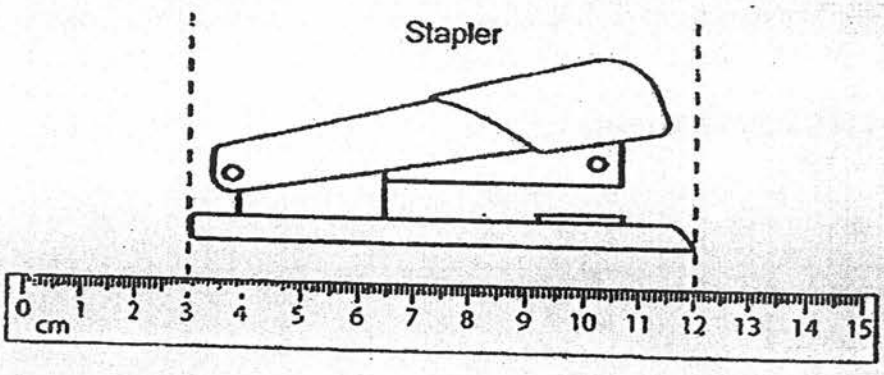
(2) 3 fours

(3) 4 + 4 + 4

(4) 4 groups of 3

( )

6. Look at the diagram below.



The stapler is _____ cm long.

(1) 9

(2) 10

(3) 3

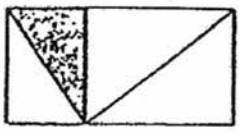
(4) 12

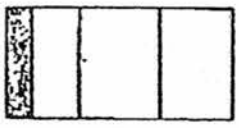
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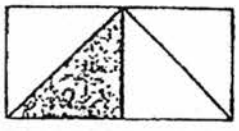
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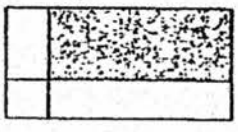
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7. Which of the following figures shows that $\frac{1}{4}$ of the figure is shaded?

(1) 

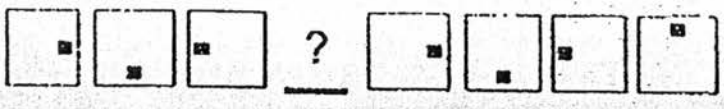
(2) 

(3) 

(4) 

( )

8. Look at the pattern below.



The missing shape is _____.

(1) 

(2) 

(3) 

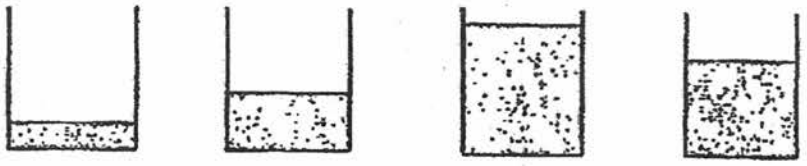
(4) 

( )

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9. Arrange the identical beakers below from the greatest volume of liquid to the smallest volume of liquid.



Beaker A Beaker B Beaker C Beaker D

(1) A, B, C, D
(2) A, B, D, C
(3) C, D, A, B
(4) C, D, B, A ( )

10. Mother had 32 sweets.
If she gave 4 sweets to each child, how many children were there altogether?

(1) 6
(2) 7
(3) 8
(4) 9 ( )

11. Ben lives on the floor just below Chris.
Denise lives on the floor just above Alvin.
Denise lives on a higher floor than Chris.
Who lives on the lowest floor?

(1) Alvin
(2) Ben
(3) Chris
(4) Denise ( )

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12. Paul finished his homework at the time shown below.



He finished his homework at _____.

(1) 2.35

(2) 3.35

(3) 7.13

(4) 7.15 ( )

13. Sally broke a bar of chocolate into 12 equal pieces.
Her brother ate 4 pieces.
What fraction of the chocolate did her brother eat?

(1) $\frac{4}{8}$

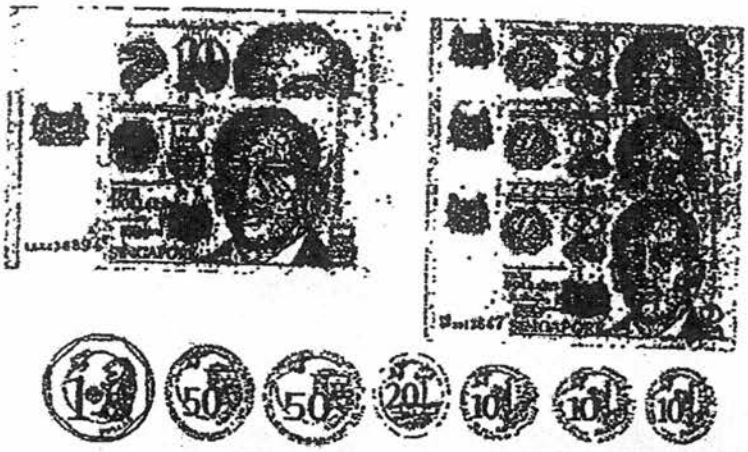
(2) $\frac{4}{12}$

(3) $\frac{8}{12}$

(4) $\frac{4}{16}$ ( )

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14. What is the amount of money shown below?



(1) $20.50
(2) $21.00
(3) $23.50
(4) $24.00

( )

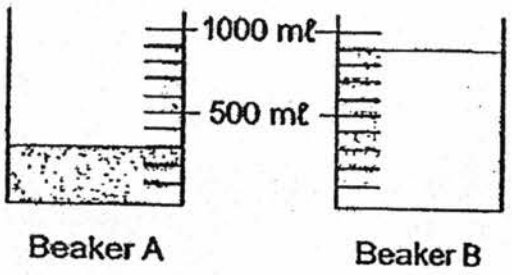
15. What is the value of $\frac{3}{10} + \frac{2}{10}$?

(1) $\frac{1}{10}$
(2) $\frac{5}{10}$
(3) $\frac{6}{10}$
(4) $\frac{5}{20}$

( )

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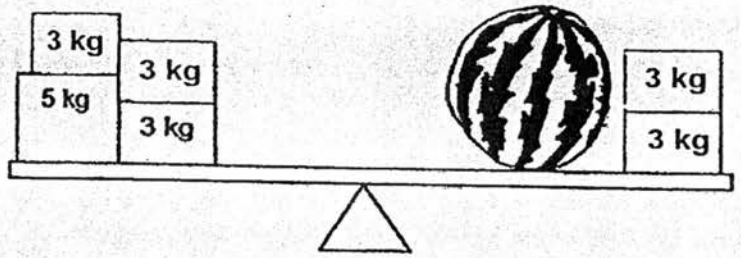
16. How much water must be added into Beaker A so that it has the same amount of water as Beaker B?



(1) 200 mℓ
(2) 300 mℓ
(3) 500 mℓ
(4) 600 mℓ

( )

17. Look at the picture below carefully.
The mass of the watermelon is _____ kg.

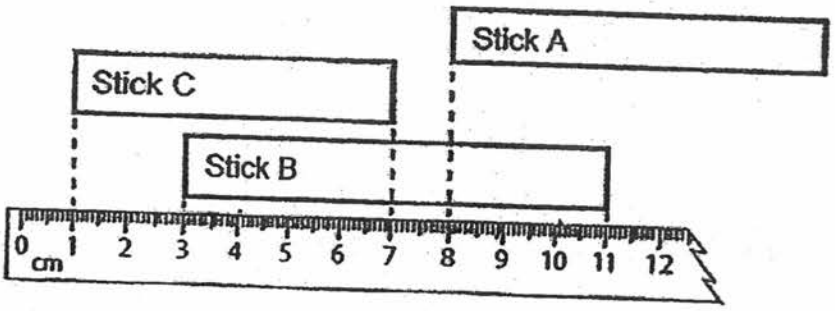


(1) 6
(2) 8
(3) 11
(4) 14

( )

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18. Look at the 3 sticks below.



Stick A is longer than Stick C but shorter than Stick B.
What is the length of Stick A?

(1) 5 cm
(2) 7 cm
(3) 13 cm
(4) 15 cm

( )

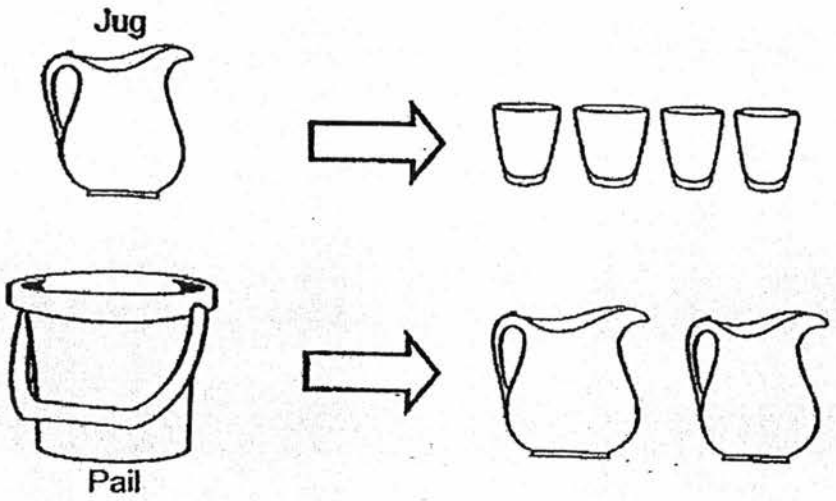
19. There are 2 flowers in each red vase.
There are 3 flowers in each blue vase.
There are 30 flowers in the vases altogether.
The number of red and blue vases is the same.
How many red vases are there?

(1) 12
(2) 10
(3) 6
(4) 5

( )

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20. 1 jug of water can fill up 4 glasses completely.
1 pail of water can fill up 2 jugs completely.
2 pails of water can fill up _____ glasses completely.



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

( )

End of Booklet A
Go on to Booklet B

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MARIS STELLA HIGH SCHOOL (PRIMARY)
SEMESTRAL ASSESSMENT 2
PRIMARY 2 MATHEMATICS
27 OCTOBER 2017
BOOKLET B

12 questions

30 marks

Total time for Booklets A and B: 1 h 30 min

NAME : _____( )

CLASS : PRIMARY 2 _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
FOLLOW ALL INSTRUCTIONS CAREFULLY.
ANSWER ALL QUESTIONS.

MARKS OBTAINED :

BOOKLET A: _____ / 20

BOOKLET B: _____ / 30

TOTAL : _____ / 50

Parent's Signature: _____

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Section B: 18 marks (9 x 2 marks)

Fill in each blank with the correct answer.

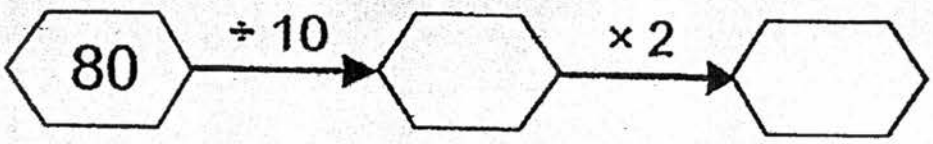
21. I am a 3-digit even number between 130 and 140.
My 3 digits add up to 10.
What am I?

I am _____.

22. Fill in the missing numbers.

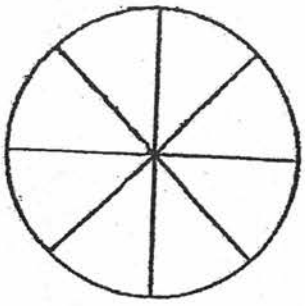
$$\begin{array}{rccc} & 8 & 0 & \square \\ - & \square & 6 & 9 \\ \hline & 3 & 3 & 1 \end{array}$$

23. Fill in the missing numbers.

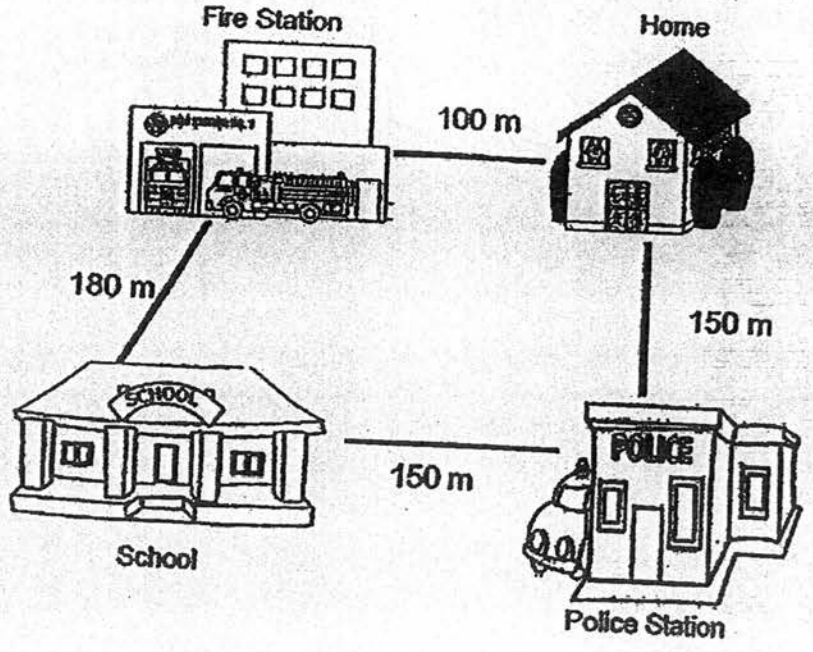


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24. Shade $\frac{5}{8}$ of the figure below.



25. Brian walked home from school. What is the shortest distance he can take to reach home?



The shortest distance Brian can take is _____ m.

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26. Mrs Parks sold 84 kg of honey on Saturday.

She sold 15 kg less honey on Sunday than Saturday.

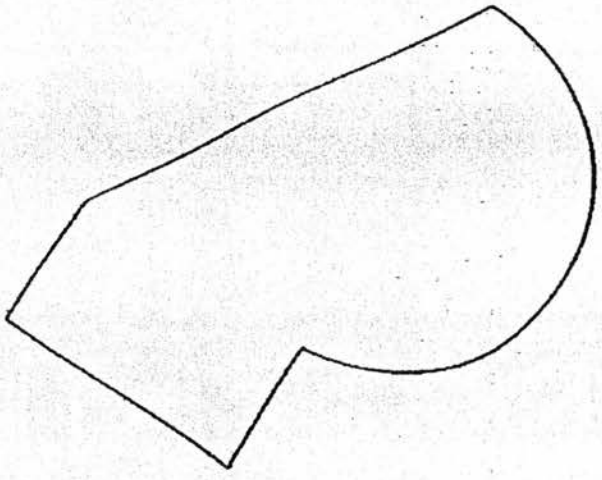
How much honey did she sell altogether?

She sold _____ kg of honey altogether.

---

27. The figure below is made up of 1 semicircle, 1 rectangle and 1 triangle.

Draw 2 lines to show the 3 shapes.



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28. The picture graph below shows the number of vehicles in a carpark.

Types of vehicles	
Cars	○ ○ ○ ○ ○ ○
Buses	
Vans	○ ○ ○
Lorries	○ ○ ○ ○

(a) There are 30 cars in the carpark.
Each ○ stands for _____ vehicles.

(b) There are 40 vans and buses in the carpark altogether.
Draw the correct number of ○ in the table above to show the number of buses in the carpark.

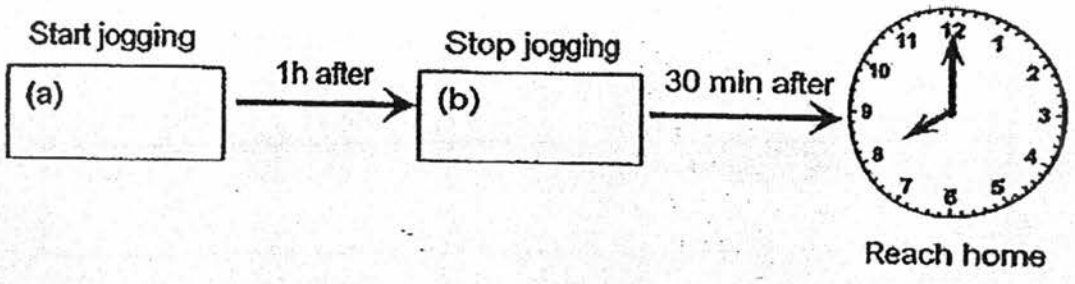
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29. Jane jogged for 1 hour at the East Coast Park.

After she stopped jogging, she took 30 minutes to walk home.

She reached home at the time shown below.

Fill in the blanks below with the correct time.



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Section C: 12 marks (3 x 4 marks)

Solve the following word problems. All workings, number sentences and answer statements must be shown clearly.

30. Uncle Sam sold 238 apples.

He sold 129 more oranges than apples.

He sold 64 fewer pears than oranges.

(a) How many oranges did he sell?

Working

He sold _____ oranges.

(b) How many pears did he sell?

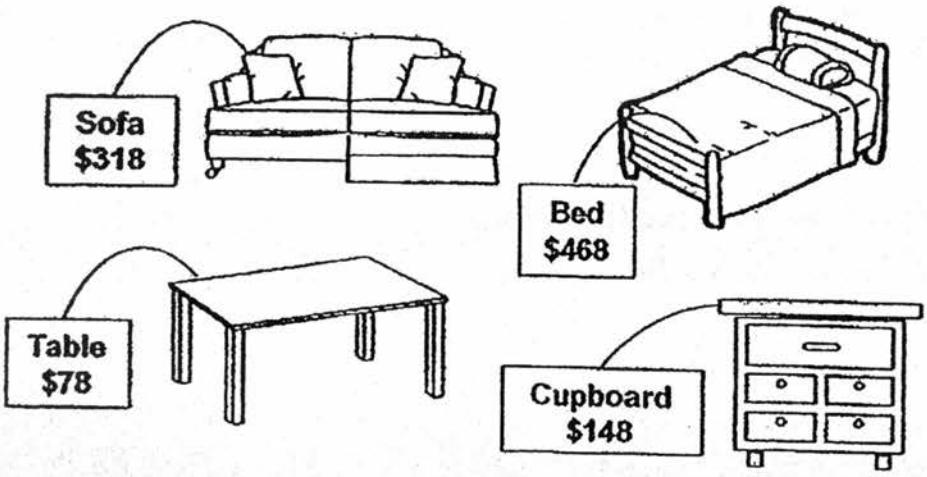
He sold _____ pears.

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31. Look at the pictures below.

Working



(a) Peter bought the sofa and the cupboard.
Siti bought the bed. Who spent less?

_____ spent less.

(b) John has $500. He wants to buy 2 items.
What are the different ways John can spend his money?
(Use the table to help you list the items)

Number of Ways	Item 1	Item 2

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32. Baker Ben had some flour.

He used the same amount of flour each day.

By the end of Day 5, he had 590 g of flour left.

At the end of Day 6, he had 540 g of flour left.

How much flour did Baker Ben have at first?

(Hint: You may use the table below to help solve.)

Day	0	1	2	3	4	5	6
Flour left (g)						590	540

Baker Ben had _____ g of flour at first.

END OF BOOKLET B
HAVE YOU CHECKED ALL YOUR ANSWERS?

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EXAM PAPER 2017(P2)

SCHOOL : MARIS STELLA

SUBJECT : MATHEMATICS

TERM : SA2

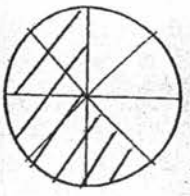
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	1	1	3	4	1	3	4	4	3
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
2	1	2	3	2	4	2	2	3	1

21)136

22)8 0 0 – 4 6 9 = 3 3 1

23)80 →8 →16

24)



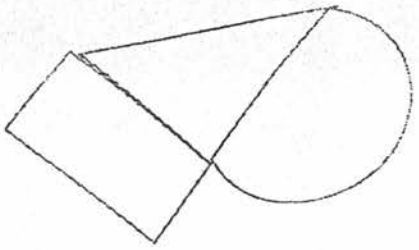
25)280 m

26)84 – 15 = 69

84 + 69 = 153

She had 153 kg of honey altogether

27)



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28)a)5

b) 0 0 0 0 0

29)a)6.30

b)7.30

30)a)238 + 129 = 367

He sold 367 oranges.

b)367 – 64 = 303

He sold 303 pears.

31)a)Peter

b)

Number of Ways	Item 1	Item 2
1	sofa	cupboard
2	sofa	table
3	table	cupboard

32)

Day --	0	1	2	3	4	5	6
Flour--- left (g)	840	790	740	690	640	590	540

Baker Ben had 840 g of flour at first

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