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MARIS STELLA HIGH SCHOOL (PRIMARY)
SEMESTRAL ASSESSMENT 2
PRIMARY 2 MATHEMATICS
25 OCTOBER 2016

BOOKLET A

20 Questions

20 marks

Name   : _____ (   )

Class   : Primary 2 (   )

Total Time Allowed: 1 hour 30 minutes

(for Booklets A and B)

- 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 : _____ / 20

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

1. The value of the digit 5 in 569 is _____.

    (1) 5 ones

    (2) 5 tens

    (3) 50 tens

    (4) 500 hundreds   (   )

2. The greatest even number is _____.

    (1) 536

    (2) 567

    (3) 688

    (4) 697   (   )

3. Subtract 276 from 50 tens.

    The answer is _____.

    (1) 224

    (2) 226

    (3) 326

    (4) 376   (   )

4. The mass of 1 wooden pencil is _____.

    (1) 10 g

    (2) 1 kg

    (3) 10 kg

    (4) 100 g   (   )

5. Elsa bought pizzas for her 9 friends.
Each friend ate 3 slices of pizza.
How many slices of pizza did her friends eat in all?

   (1)   6

   (2)   12

   (3)   3

   (4)   27   (   )

6. Arrange the fractions in order, starting from the smallest.

   $\dfrac{2}{9}$ $\dfrac{2}{3}$ $\dfrac{2}{12}$

   (1) $\dfrac{2}{3}$, $\dfrac{2}{9}$, $\dfrac{2}{12}$

   (2) $\dfrac{2}{3}$, $\dfrac{2}{12}$, $\dfrac{2}{9}$

   (3) $\dfrac{2}{9}$, $\dfrac{2}{3}$, $\dfrac{2}{12}$

   (4) $\dfrac{2}{12}$, $\dfrac{2}{9}$, $\dfrac{2}{3}$ (   )

7. Mother cut a cake into 10 equal pieces.
My brother ate 2 pieces.
What fraction of the cake is left?

   (1) $\dfrac{2}{8}$

   (2) $\dfrac{2}{10}$

   (3) $\dfrac{8}{10}$

   (4) $\dfrac{8}{12}$ (   )

2

8. Look at the pattern below.

The missing shape is _____.

(1) ▲ (triangle, top filled)

(2) ▷ (triangle pointing right, outline)

(3) ▽ (triangle pointing down, filled)
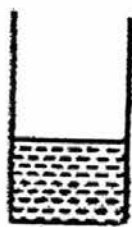
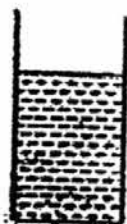(4) ◀ (triangle pointing left, filled)

( )

9. Which container has the most amount of water?
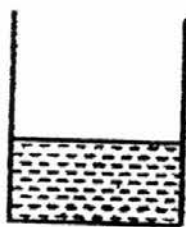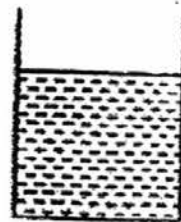
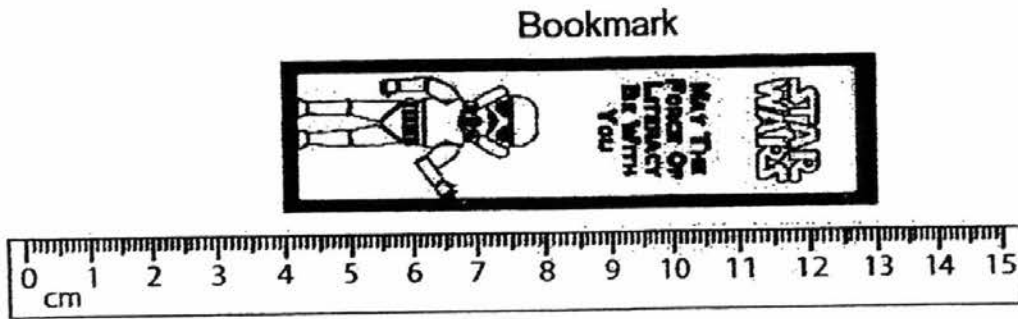Beaker A   Beaker B   Beaker C   Beaker D

(1) Beaker A

(2) Beaker B

(3) Beaker C

(4) Beaker D

( )
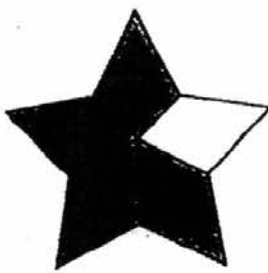
3

10. Look at the diagram below.

Bookmark

The bookmark is _____ cm long.

(1) 9

(2) 10

(3) 13

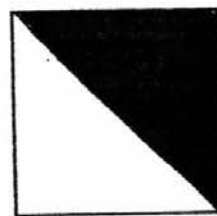(4) 4   (   )

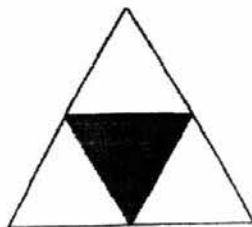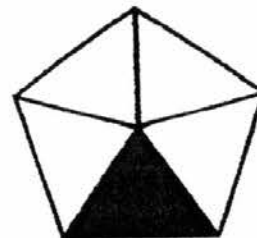11. Which figure below shows that $\frac{1}{2}$ of it is shaded?

(1)

(2)

(3)

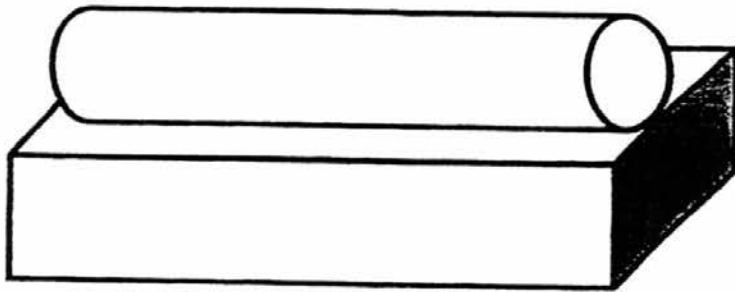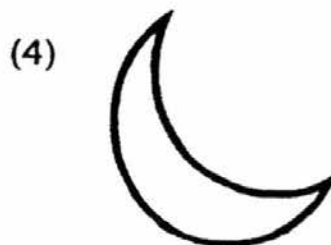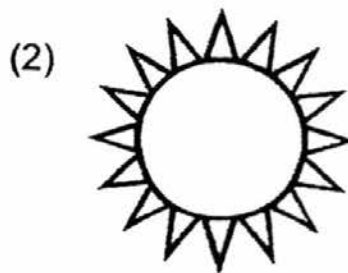(4)

(   )

4

12. Look at the figure below.

The figure is made up of a _____ and a _____.

(1) cube, sphere

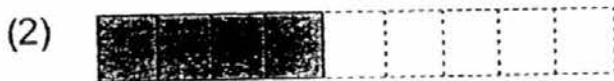(2) cone, cuboid

(3) cylinder, cube

(4) cuboid, cylinder

(   )

13. Which one of the figures below has **both** curve and straight lines?

(1)

(2)

(3)

(4)

(   )

14. $1 - \dfrac{4}{9} =$ _____

Which one of the models below shows the correct answer?

(1)

(2)

(3)

(4)   (   )

15. Look at the TV schedule shown below.

| Time	TV programmes
10.30 a.m. to 12.30 p.m.	Star Wars movie: Finding BB-8
12.30 p.m. to 1.00 p.m.	Harry Potter & Friends
1.00 p.m. to 2.00 p.m.	Looney Tunes: Bugs Bunny
2.00 p.m. to 3.30 p.m.	Frozen Fever: Elsa & Olaf

Which TV programme has a duration of 30 minutes?

(1)   Star Wars movie: Finding BB-8

(2)   Harry Potter & Friends

(3)   Looney Tunes: Bugs Bunny

(4)   Frozen Fever: Elsa & Olaf   (   )

16. Look at the picture below.

100 ℓ

50 ℓ

Beaker A

100 ℓ

50 ℓ
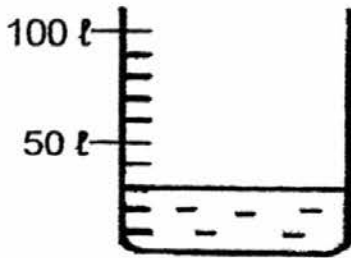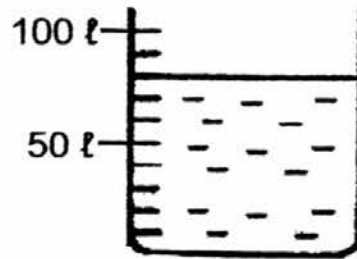
Beaker B

Beaker B has _____ more litres of water than Beaker A.
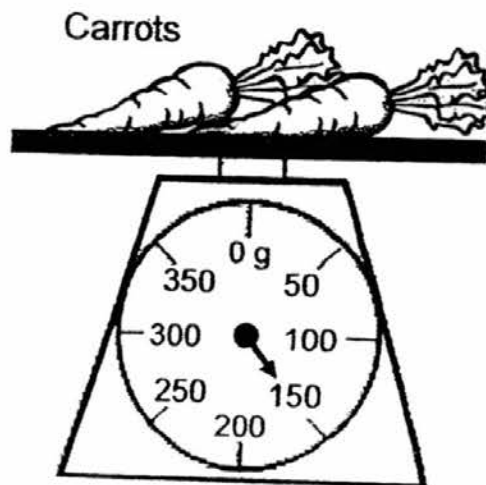
(1) 30

(2) 50

(3) 80

(4) 110

( )

17. Look at the picture below.
Each carrot has the same mass.

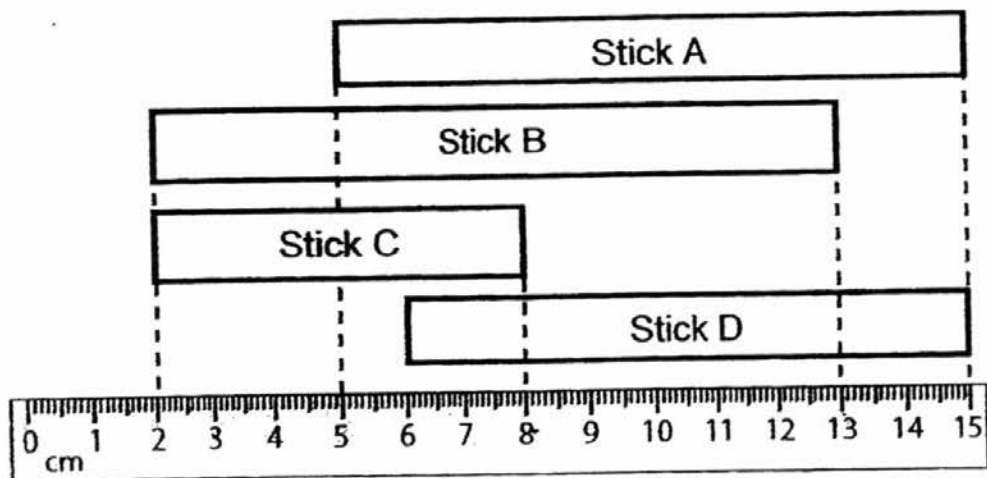The mass of 4 carrots would be _____ g.

Carrots

(1) 150

(2) 200

(3) 300

(4) 600

0 g
350   50
300   100
250   150
200

( )

18. Look at the 4 sticks below.

Which stick is the longest?

(1) Stick A

(2) Stick B

(3) Stick C

(4) Stick D   (   )
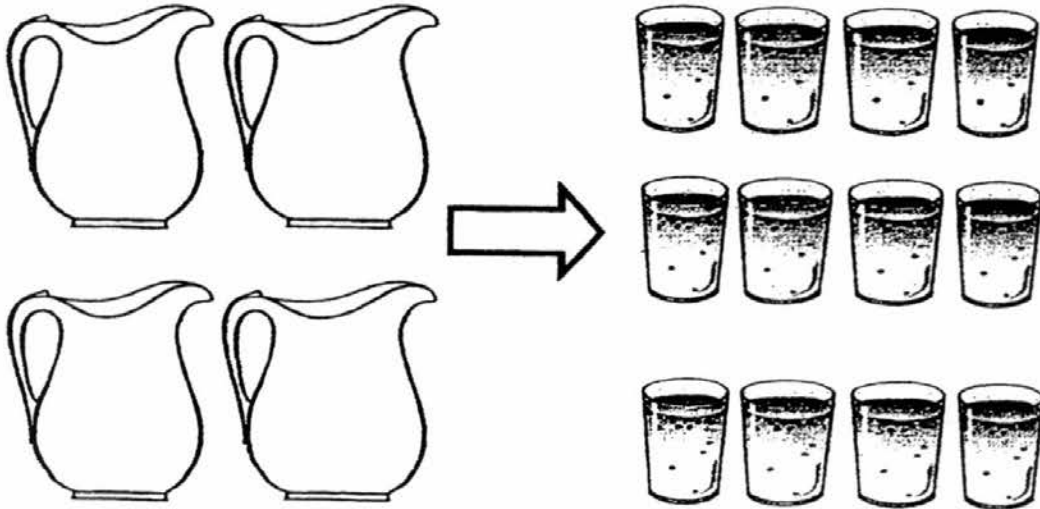

19. Dory swims behind Nemo.
   Stan swims just in front of Marlin
   Dory swims faster than Stan.
   Who is the slowest swimmer?

(1) Dory

(2) Stan

(3) Nemo

(4) Marlin   (   )

8

20.   4 jugs of water can fill up 12 glasses of water completely.

_____ jugs of water are needed to fill up 18 glasses of water completely.

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

(   )

End of Booklet A
Go on to Booklet B

MARIS STELLA HIGH SCHOOL (PRIMARY)
SEMESTRAL ASSESSMENT 2
PRIMARY 2 MATHEMATICS
25 OCTOBER 2016

BOOKLET B

12 Questions

30 marks

Name   :_____ (   )

Class   : Primary 2 (   )

Total Time Allowed: 1 hour 30 minutes
(for Booklets A and B)

- Do not open this booklet until you are told to do so.
- Follow all instructions carefully.
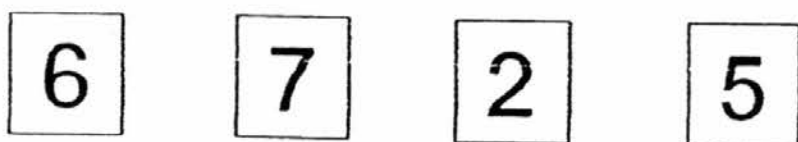- Answer all questions.
- Check your work.

Booklet A	**/ 20**
Booklet B	**/ 30**
Total Marks	**/ 50**

Parent's Signature: _____

Fill in each blank with the correct answer.

21. Form the smallest 3-digit odd number using the numbers below.

| 6 | 7 | 2 | 5 |

The smallest **3-digit** odd number is _____ .

22. Fill in the missing numbers.

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( 45 ) --- ÷ 5 ---> (      ) --- × 2 ---> (      )
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23. Joanne wants to buy the goggles shown below.
    She has six notes and some coins in her purse.

$33

$10 $5 $5
$2 $2 $2
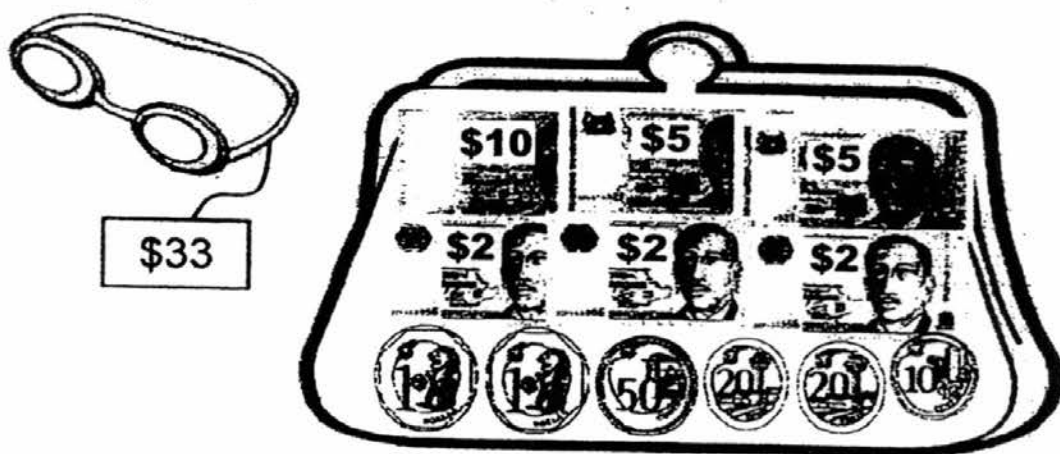
Joanne needs $_____ more to buy the goggles.

10

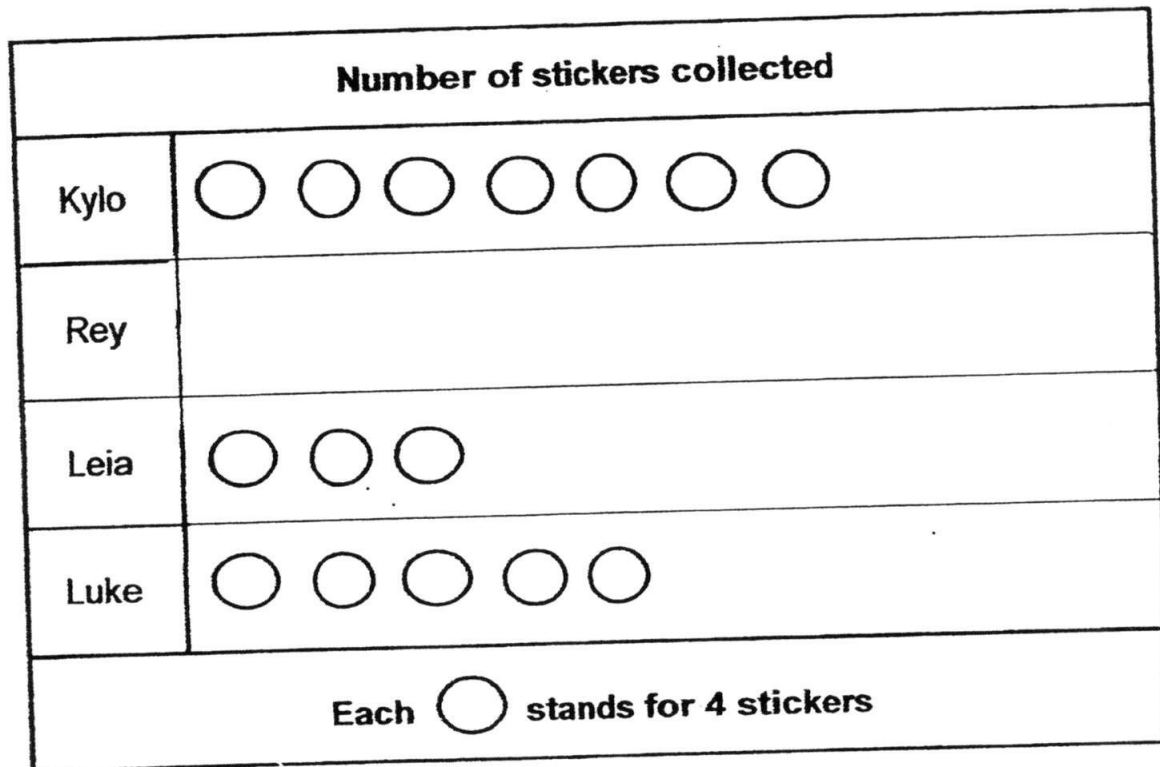24. The picture graph below shows the number of stickers collected among 4 friends.

Number of stickers collected		
Kylo	○ ○ ○ ○ ○ ○ ○	
Rey		
Leia	○ ○ ○	
Luke	○ ○ ○ ○ ○	
Each ○ stands for 4 stickers		

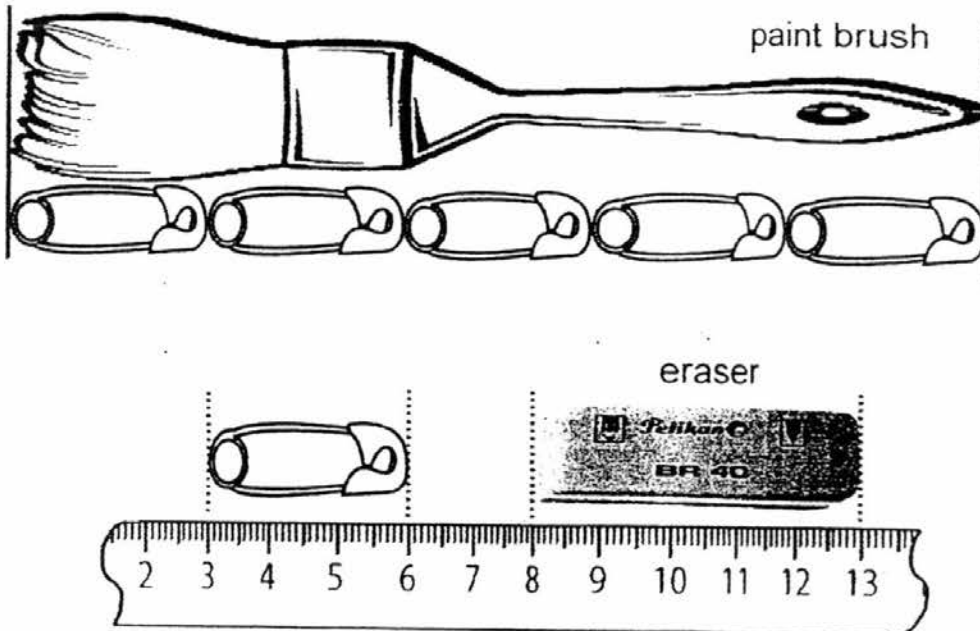(a) Luke has _____ more stickers than Leia.

(b) Kylo has 12 more stickers than Rey.
Draw the correct number of ○ in the table above to show the number of stickers Rey has.

25. Mr Potter had $900.
He spent $380 on a handphone.
He spent some money on a laptop and had $230 left.
How much did he spend on the laptop?

He spent $_____ on the laptop.

---

26. Look at the figures below.

paint brush

eraser

The paint brush is _____ cm longer than the eraser.

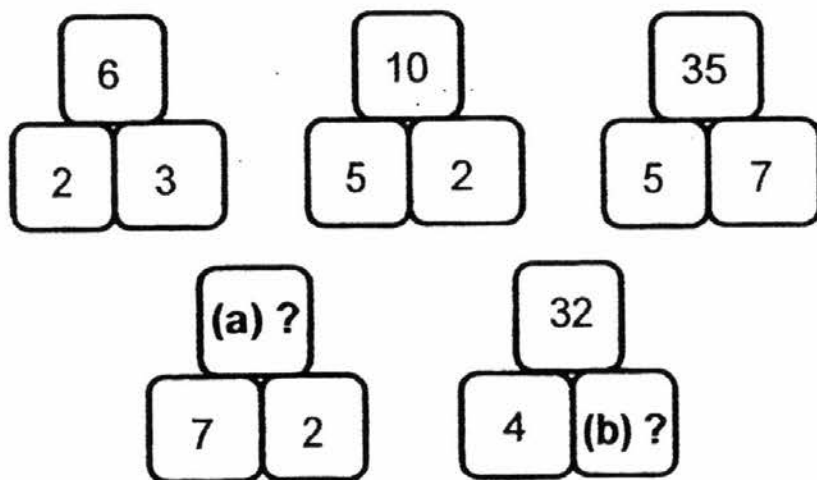27. Paul walked from his house to the library one morning.
He reached the library at the time shown below.

Reached
library

(a) Paul reached the library at _____ a.m.
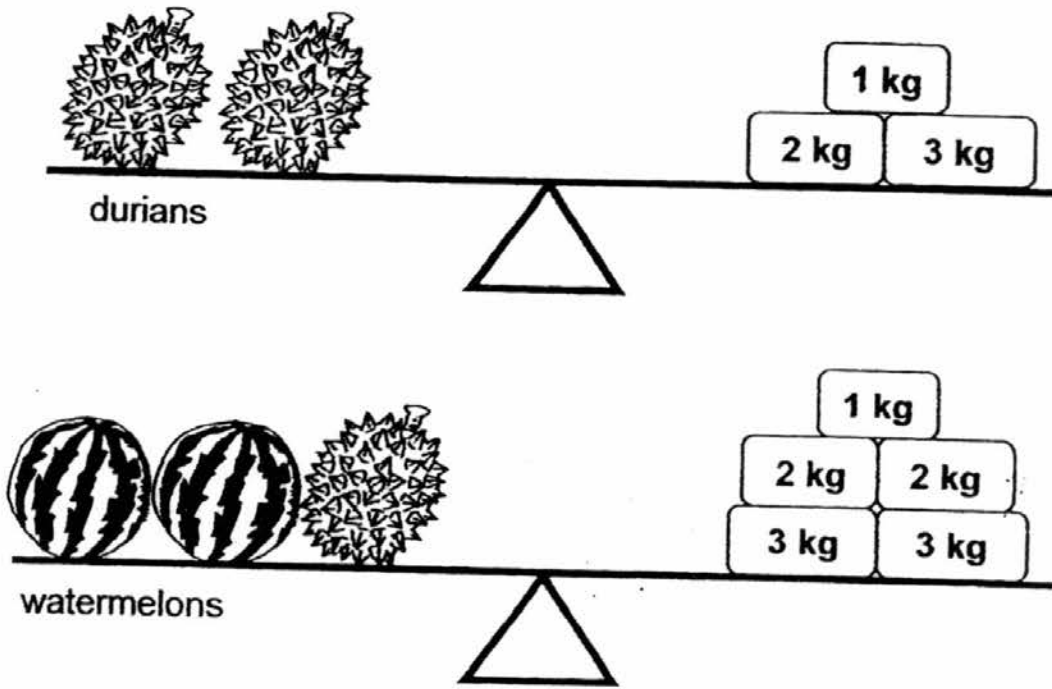
(b) Paul took 30 minutes to reach the library.

He left his house at _____ a.m.

---

28. Look at the number pattern.
Write the missing number.

The missing numbers are (a) _____ and (b) _____ .

29. Look at the diagrams below.

durians

1 kg
2 kg | 3 kg

watermelons

1 kg
2 kg | 2 kg
3 kg | 3 kg

(a) The mass of 1 durian is _____ kg.

(b) The mass of 4 watermelons is _____ kg.

Section C: 12 marks (3 x 4 marks)

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

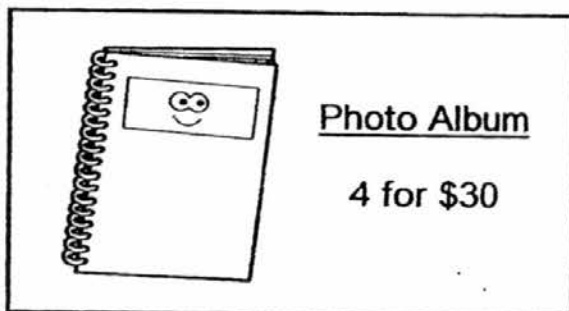|	Working
30. Draco had 375 marbles. He had 138 fewer marbles than Harry. (a) How many marbles did Harry have?	

Harry had _____ marbles.
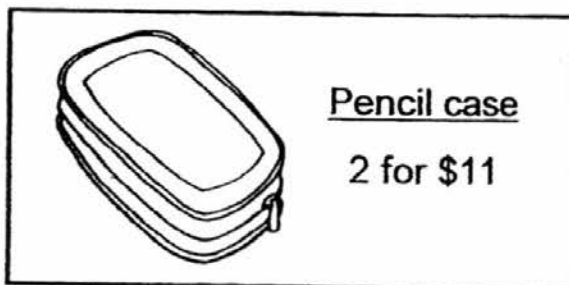
(b) Harry gave away 97 marbles the next day.
How many marbles did he have in the end?

Harry had _____ marbles in the end.

(i)

31. Look at the pictures below.

Pencil case

2 for $11

Photo Album

4 for $30

Albus bought 4 pencil cases and 8 photo albums.

He gave the cashier 2 fifty-dollar notes.

How much change did he receive?

He received $ _____ change.

16

32. Ginny arranged squares and circles in a pattern shown below.
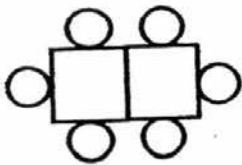

Figure 1   Figure 2   Figure 3

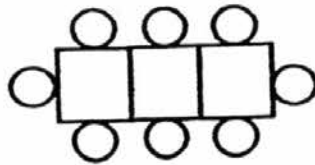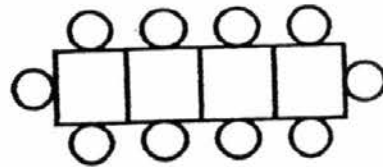(a)   How many squares are there in Figure 7?

(b)   How many circles are there in Figure 7?

(Hint: You may use the table below)

Figure Number	Number of squares	Number of circles
1	2	6

(a)   There are _____ squares in Figure 7.

(b)   There are _____ circles in Figure 7.

END OF BOOKLET B
HAVE YOU CHECKED ALL YOUR ANSWERS?
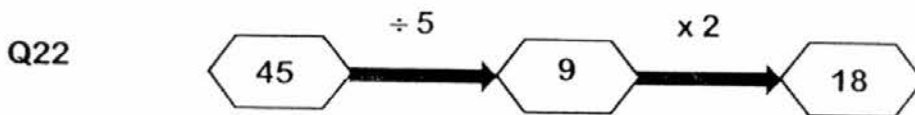
YEAR   :   2016
LEVEL   :   PRIMARY 2
SCHOOL   :   MARIS STELLA HIGH
SUBJECT   :   MATHEMATICS
TERM   :   SA2

Booklet A

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

Booklet B

Q21   The smallest 3-digit odd number is <u>257</u>.

Q22

Q23 $33 - $29 = $4

Joanne needs <u>$4</u> more to buy the goggles.

Q24   (a)   20 – 12 = 8

Luke has <u>8</u> more stickers than Leia.

(b)   28 – 12 = 16
16 ÷ 4 = 4

Rey	◯ ◯ ◯ ◯

Q25 $900 - $380 = $520
$520 - $230 = \underline{$290}$

He spent $\underline{$290}$ on the laptop.

Q26 1 pin → 3 cm
Paint brush → 3 x 5 = 15 cm
Eraser → 5 cm
15 cm – 5 cm = 10 cm

The paint brush is $\underline{10}$ cm longer than the eraser.

Q27 (a) Paul reached the library at $\underline{10:10}$ am.

(b) Paul took 30 minutes to reach the library.
He left his house at $\underline{9:40}$ am.

Q28 7 x 2 = 14   and   32 ÷ 4 = 8

The missing numbers are (a) $\underline{14}$ and (b) $\underline{8}$.

Q29 (a) 2 durians → 6 kg
1 durian → 6 ÷ 2 = 3 kg

The mass of 1 durian is $\underline{3}$ kg.

(b) 2 watermelons + 1 durian → 11 kg
2 watermelons → 11 – 3 = 8 kg
4 watermelons → 8 x 2 = 16 kg

The mass of 4 watermelons is $\underline{16}$ kg.

Q30 (a) 375 + 138 = 513

Harry had $\underline{513}$ marbles.

(b) 513 – 97 = 416

Harry had $\underline{416}$ marbles in the end.

Q31   4 pencil cases + 8 photo albums → ($11 x 2) + ($30 x 2) = $82
2 fifty-dollar notes → $100
$100 - $82 = $18

He received $18 change.

Q32

Figure Number	Number of squares	Number of circles
1	2	6
2	3	8
3	4	10
4	5	12
5	6	14
6	7	16
7	8	18

(a)   There are 8 squares in Figure 7.

(b)   There are 18 circles in Figure 7.

End