

**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

Section A: 20 marks (20 x 1 marks)

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

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2. The greatest even number is _____.

- (1) 536
- (2) 567
- (3) 688
- (4) 697

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3. Subtract 276 from 50 tens.

The answer is _____.

- (1) 224
- (2) 226
- (3) 326
- (4) 376

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4. The mass of 1 wooden pencil is _____.

- (1) 10 g
- (2) 1 kg
- (3) 10 kg
- (4) 100 g

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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

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

$$\frac{2}{9}$$

$$\frac{2}{3}$$

$$\frac{2}{12}$$

- (1) $\frac{2}{3}, \frac{2}{9}, \frac{2}{12}$
(2) $\frac{2}{3}, \frac{2}{12}, \frac{2}{9}$
(3) $\frac{2}{9}, \frac{2}{3}, \frac{2}{12}$
(4) $\frac{2}{12}, \frac{2}{9}, \frac{2}{3}$

()

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

- (1) $\frac{2}{8}$
(2) $\frac{2}{10}$
(3) $\frac{8}{10}$
(4) $\frac{8}{12}$

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8. Look at the pattern below.

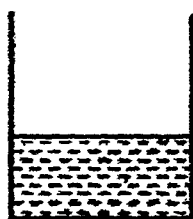


The missing shape is _____.

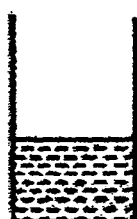


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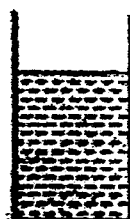
9. Which container has the most amount of water?



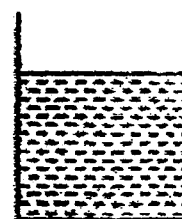
Beaker A



Beaker B



Beaker C



Beaker D

(1) Beaker A

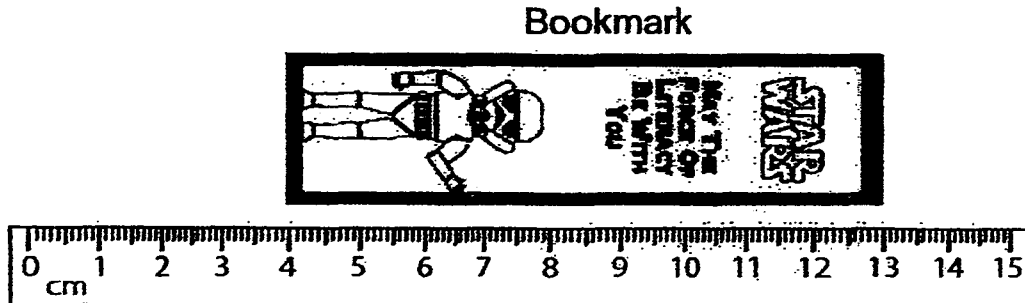
(2) Beaker B

(3) Beaker C

(4) Beaker D

()

10. Look at the diagram below.

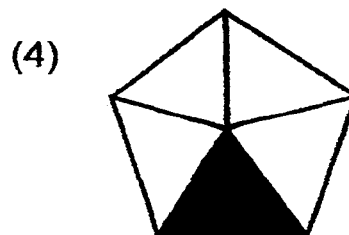
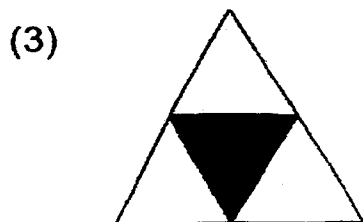
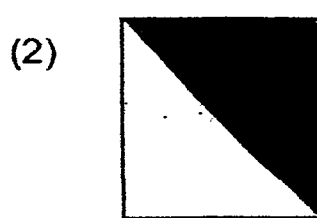
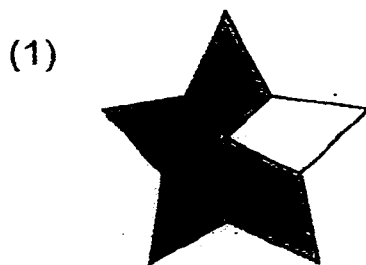


The bookmark is _____ cm long.

- (1) 9
- (2) 10
- (3) 13
- (4) 4

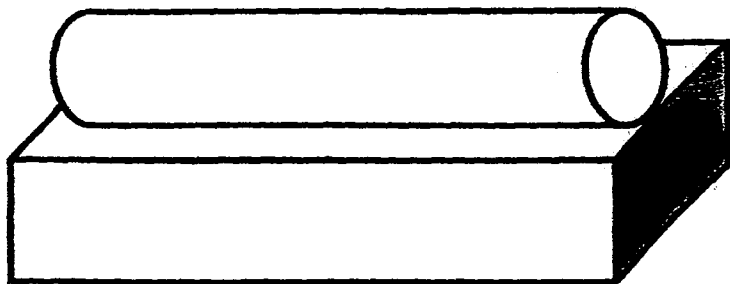
()

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



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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

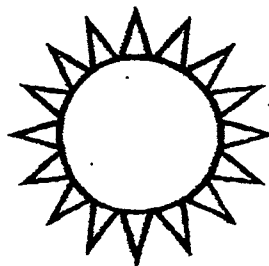
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13. Which one of the figures below has **both** curve and straight lines?

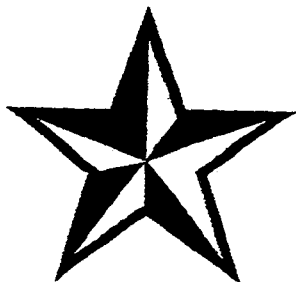
(1)



(2)



(3)



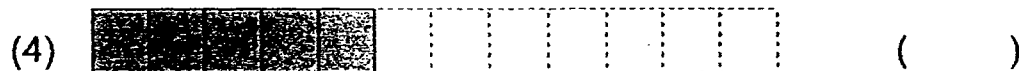
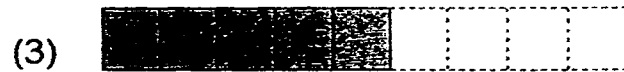
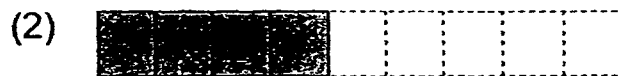
(4)



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14. $1 - \frac{4}{9} = \underline{\hspace{2cm}}$

Which one of the models below shows the correct answer?



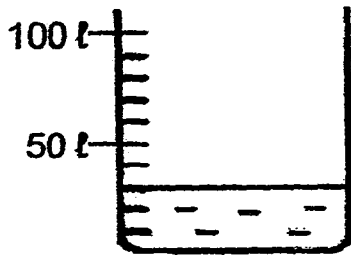
15. Look at the TV schedule shown below.

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

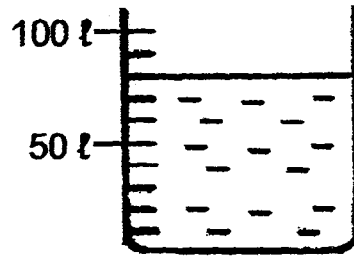
Which TV programme has a duration of 30 minutes?

- (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.



Beaker A



Beaker B

Beaker B has _____ more litres of water than Beaker A.

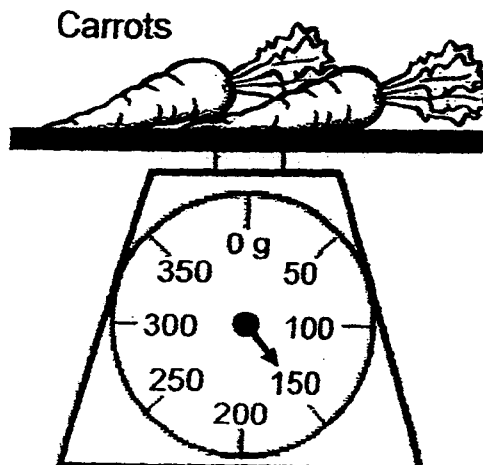
- (1) 30
- (2) 50
- (3) 80
- (4) 110

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17. Look at the picture below.

Each carrot has the same mass.

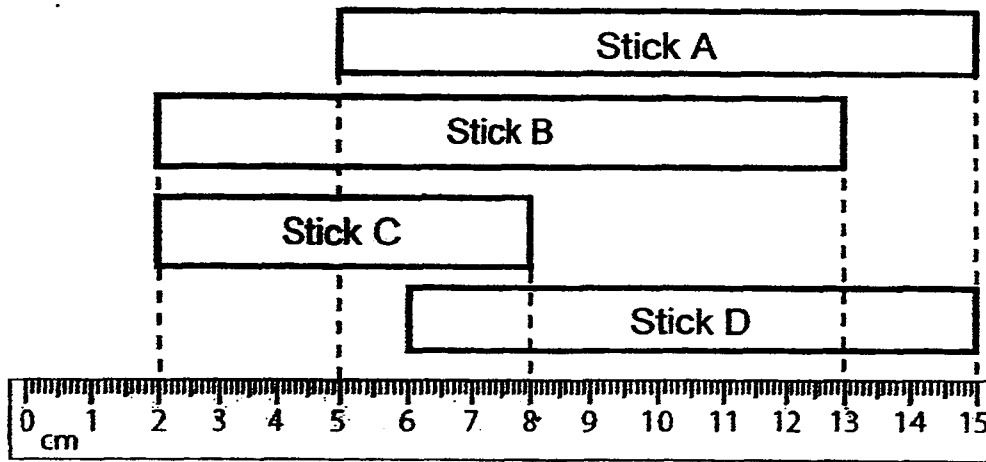
The mass of 4 carrots would be _____ g.



- (1) 150
- (2) 200
- (3) 300
- (4) 600

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18. Look at the 4 sticks below.



Which stick is the longest?

- (1) Stick A
- (2) Stick B
- (3) Stick C
- (4) Stick D

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19. Dory swims behind Nemo.

Stan swims just in front of Marlin

Dory swims faster than Stan.

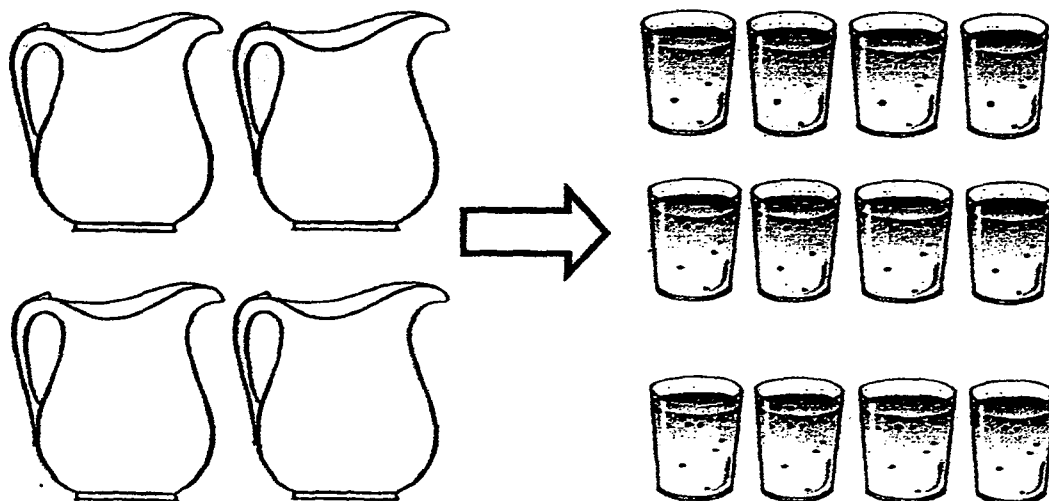
Who is the slowest swimmer?

- (1) Dory
- (2) Stan
- (3) Nemo
- (4) Marlin

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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

(.)

**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.

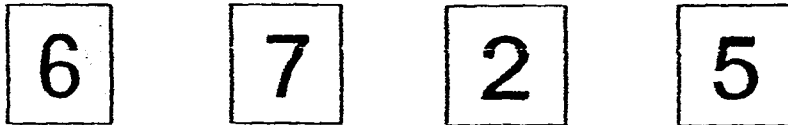
Booklet A	/ 20
Booklet B	/ 30
Total Marks	/ 50

Parent's Signature: _____

Section B: 18 marks (9 x 2 marks)

Fill in each blank with the correct answer.

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

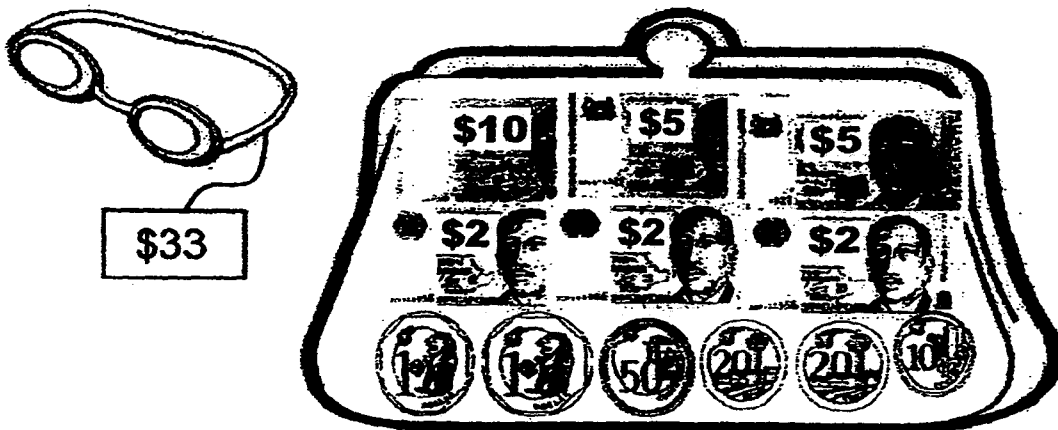


The smallest **3-digit** odd number is _____.

22. Fill in the missing numbers.

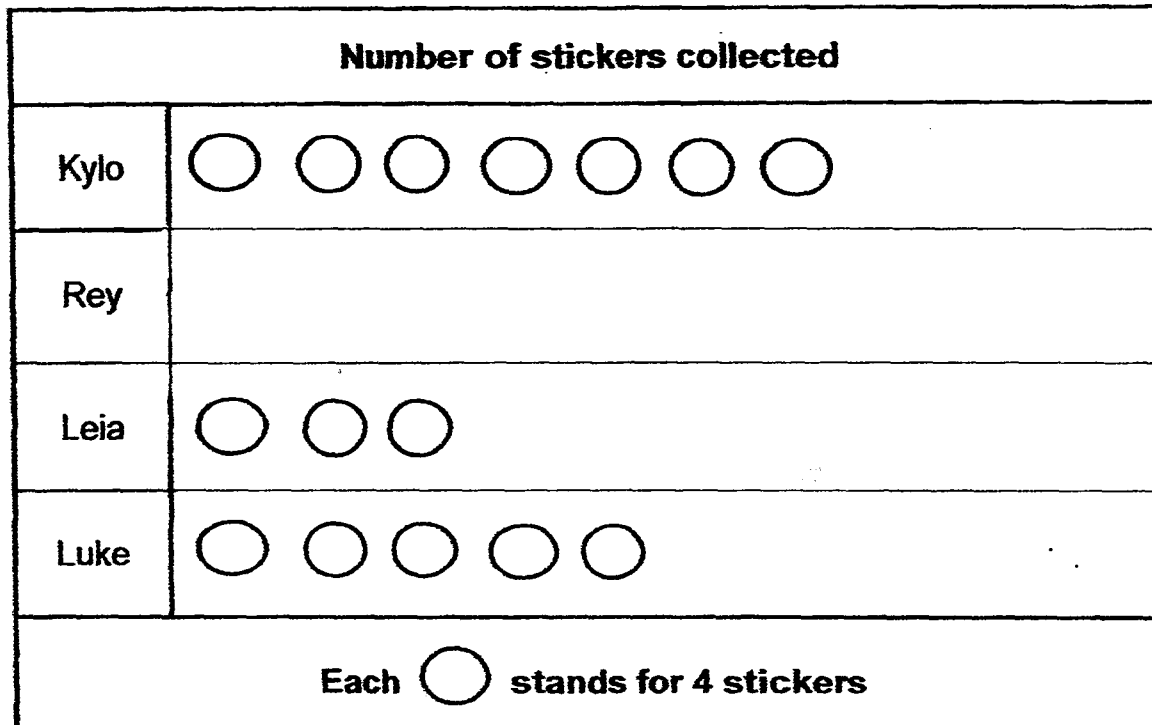


23. Joanne wants to buy the goggles shown below.
She has six notes and some coins in her purse.



Joanne needs \$ _____ more to buy the goggles.

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



(a) Luke has _____ more stickers than Leia.

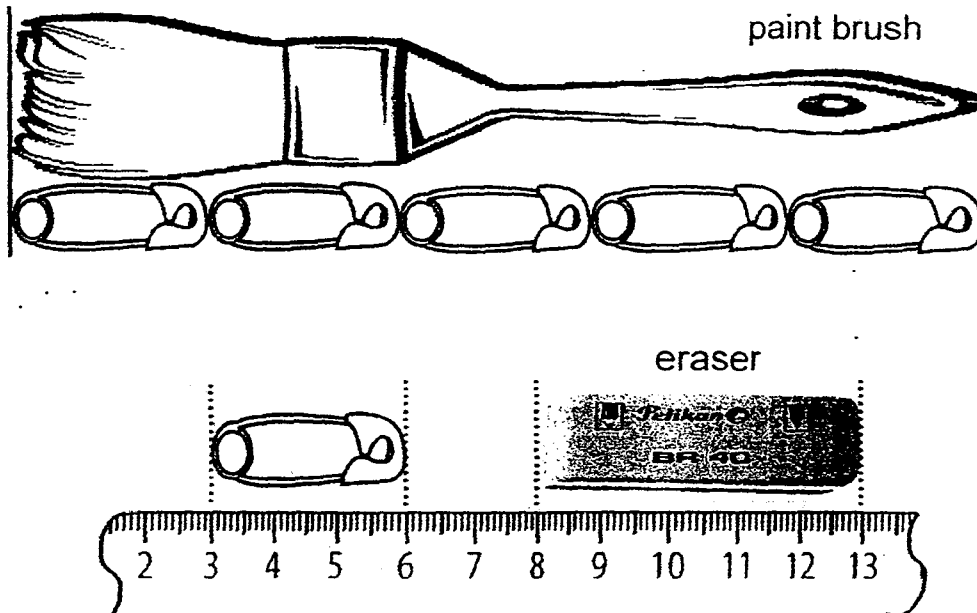
(b) Kylo has 12 more stickers than Rey.

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.



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.



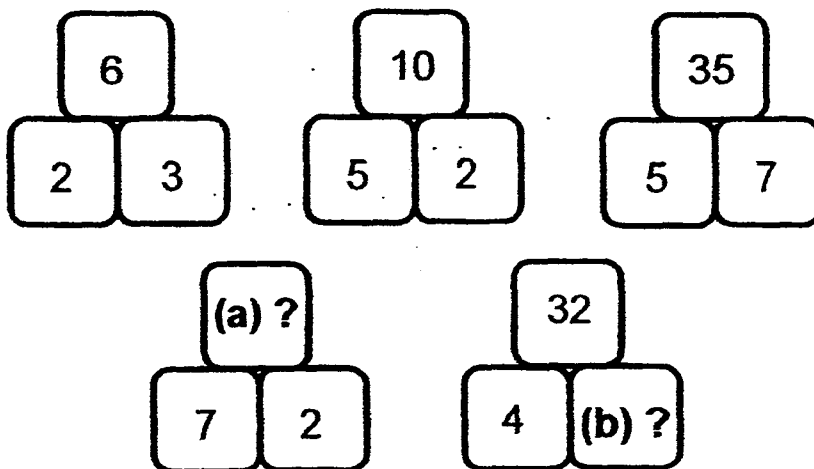
Reached
library

(a) Paul reached the library at _____ a.m.

(b) Paul took 30 minutes to reach the library.

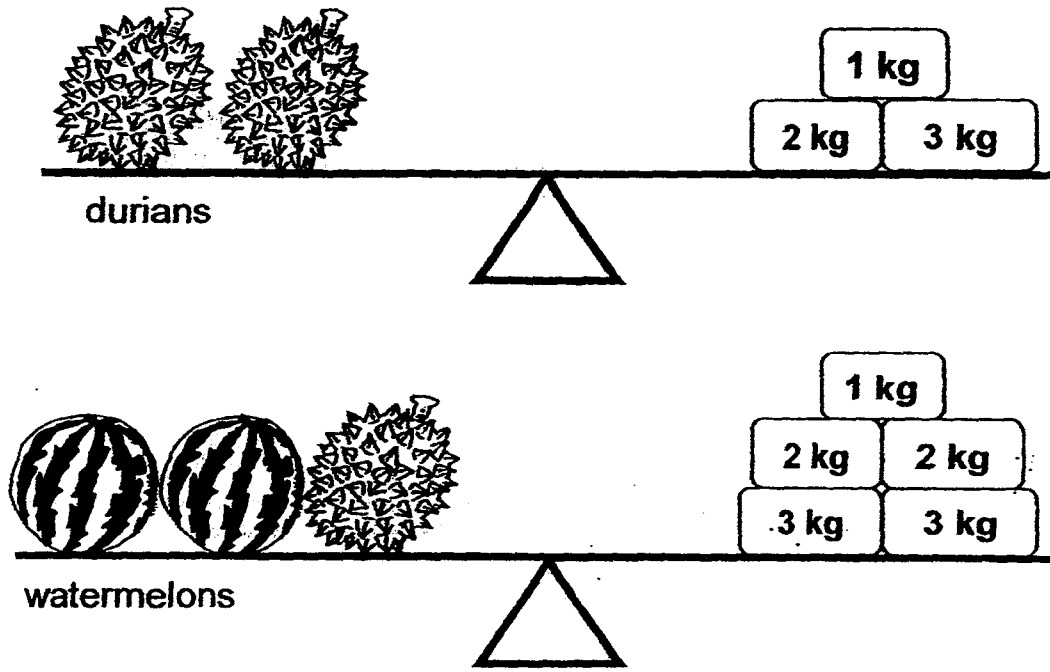
He left his house at _____ a.m.

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



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

29. Look at the diagrams below.



(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.

30. Draco had 375 marbles.

He had 138 fewer marbles than Harry.

(a) How many marbles did Harry have?

Harry had _____ marbles.

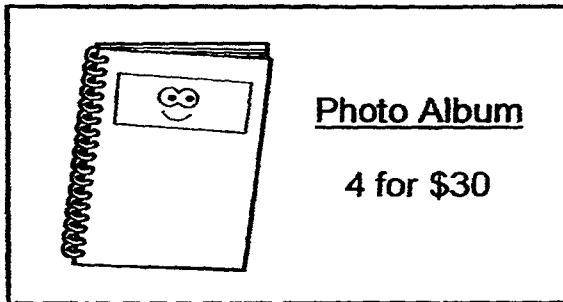
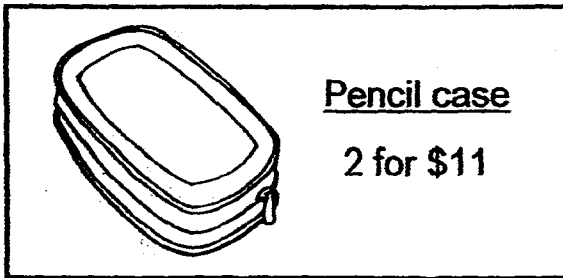
(b) Harry gave away 97 marbles the next day.
How many marbles did he have in the end?

Harry had _____ marbles in the end.

Working

31. Look at the pictures below.

Working



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.

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

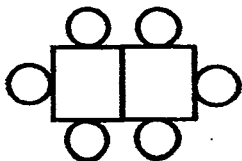


Figure 1

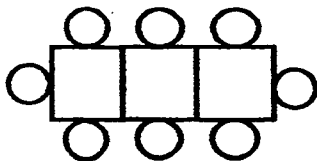


Figure 2

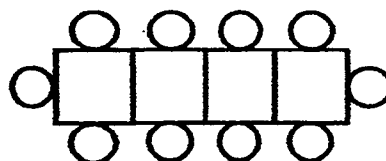


Figure 3

- (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?

ANSWER KEY

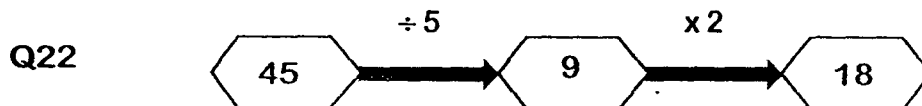
YEAR : 2016
 LEVEL : PRIMARY 2
 SCHOOL : MARIS STELLA HIGH
 SUBJECT : MATHEMATICS
 TERM : SA2

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 257.



Q23 $\$33 - \$29 = \$4$

Joanne needs \$4 more to buy the goggles.

Q24 (a) $20 - 12 = 8$

Luke has 8 more stickers than Leia.

(b) $28 - 12 = 16$
 $16 \div 4 = 4$

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

He spent \\$290 on the laptop.

Q26 1 pin $\rightarrow$ 3 cm
 Paint brush $\rightarrow 3 \times 5 = 15$ cm
 Eraser $\rightarrow$ 5 cm
 $15 \text{ cm} - 5 \text{ cm} = 10 \text{ cm}$

The paint brush is 10 cm longer than the eraser.

- Q27** (a) Paul reached the library at 10:10 am.
 (b) Paul took 30 minutes to reach the library.
 He left his house at 9:40 am.

Q28 $7 \times 2 = 14$ and $32 \div 4 = 8$

The missing numbers are (a) 14 and (b) 8.

Q29 (a) 2 durians $\rightarrow$ 6 kg
 1 durian $\rightarrow 6 \div 2 = 3$ kg

The mass of 1 durian is 3 kg.

(b) 2 watermelons + 1 durian $\rightarrow$ 11 kg
 2 watermelons $\rightarrow 11 - 3 = 8$ kg
 4 watermelons $\rightarrow 8 \times 2 = 16$ kg

The mass of 4 watermelons is 16 kg.

Q30 (a) $375 + 138 = 513$

Harry had 513 marbles.

(b) $513 - 97 = 416$

Harry had 416 marbles in the end.

Q31

4 pencil cases + 8 photo albums $\rightarrow (\$11 \times 2) + (\$30 \times 2) = \$82$

2 fifty-dollar notes $\rightarrow \$100$

$\$100 - \$82 = \$18$

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.

