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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

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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. 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

   (  )



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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 ( )

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




(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 _____.

(1) 

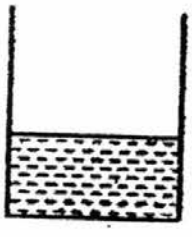
(2) 

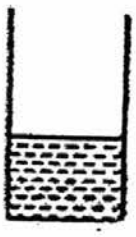
(3) 

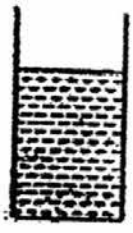
(4) 

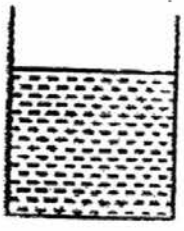
(  )

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

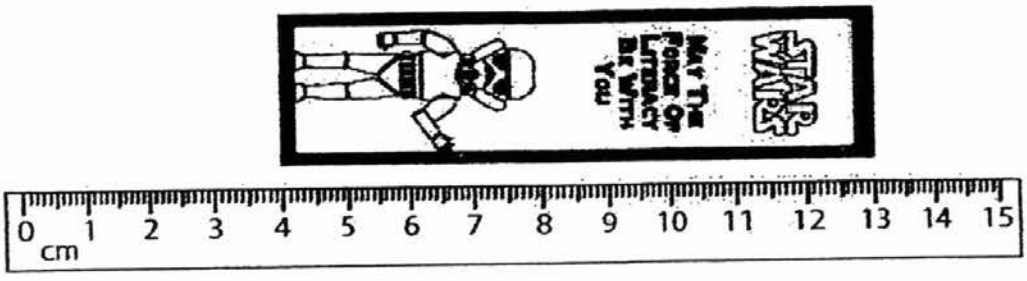
(  )



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10. Look at the diagram below.

Bookmark




The bookmark is _____ cm long.

(1) 9

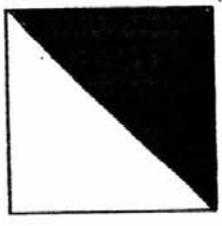
(2) 10

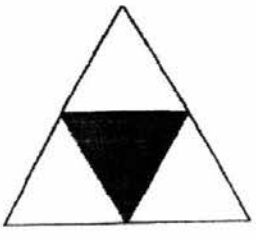
(3) 13

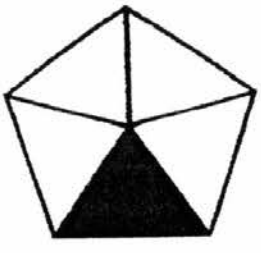
(4) 4 ( )

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

(1) 

(2) 

(3) 

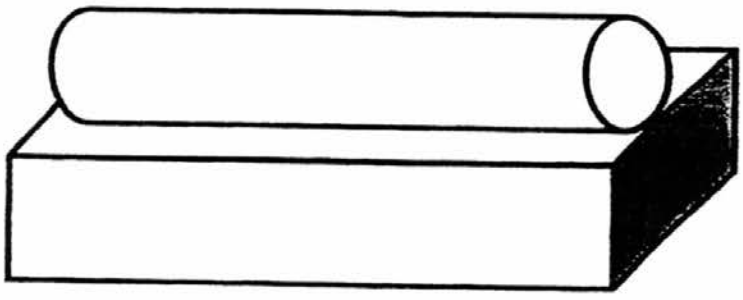
(4) 

( )



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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

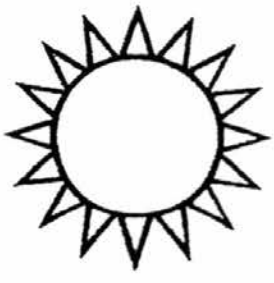
(  )

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

(1)



(2)



(3)



(4)



(  )

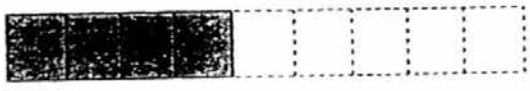


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14. $1 - \frac{4}{9} =$ _____

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

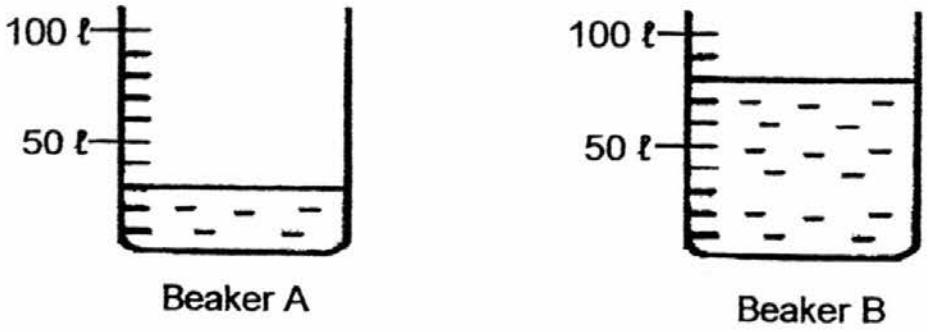
(3) Looney Tunes: Bugs Bunny

(4) Frozen Fever: Elsa & Olaf ( )



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16. Look at the picture below.




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

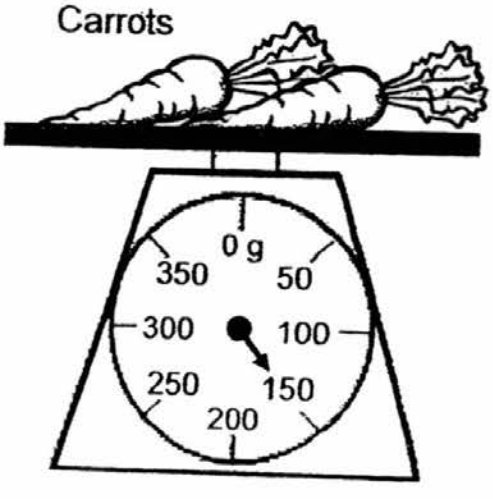
(1) 30
(2) 50
(3) 80
(4) 110

( )

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

The mass of 4 carrots would be _____ g.

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

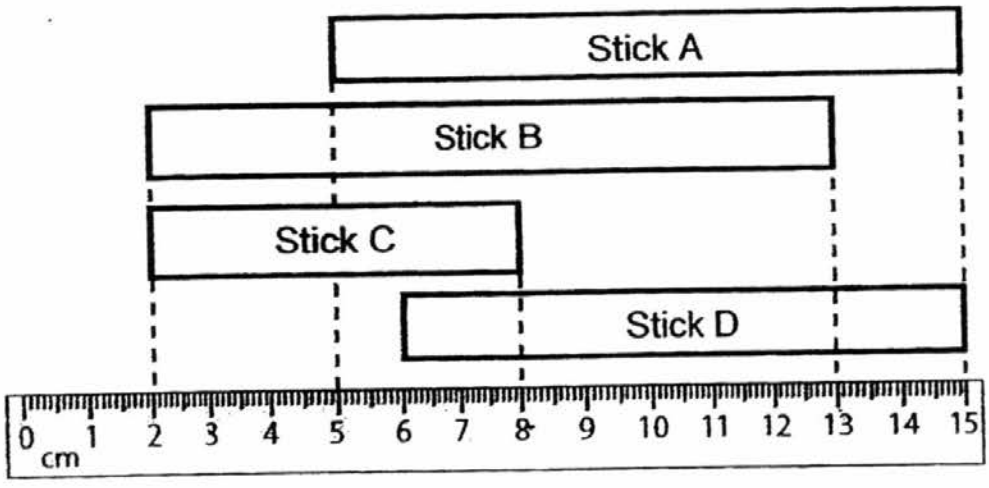



( )



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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 ( )

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

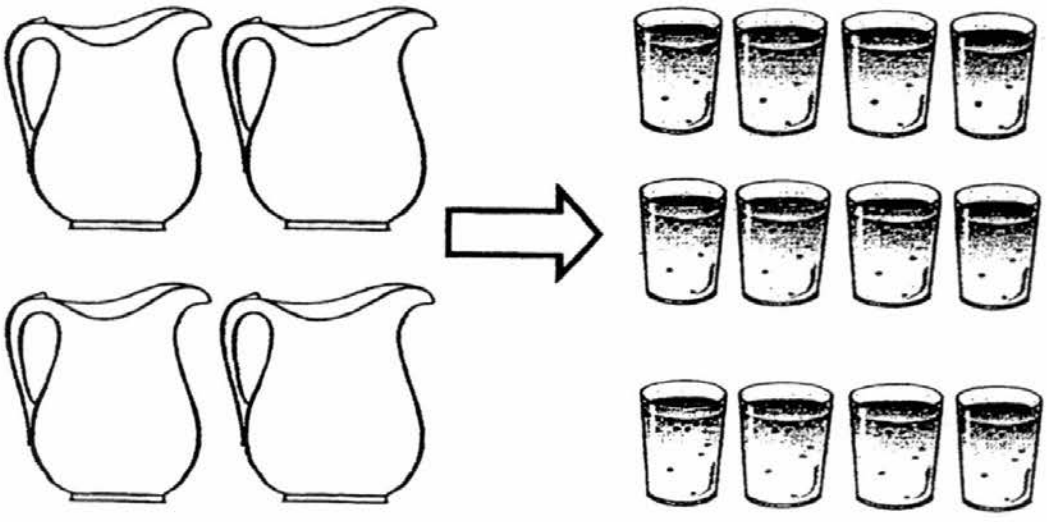
(1) Dory
(2) Stan
(3) Nemo
(4) Marlin ( )



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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

( )

**End of Booklet A**

**Go on to Booklet B**



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**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: _____

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**Section B:** 18 marks (9 x 2 marks)

**Fill in each blank with the correct answer.**

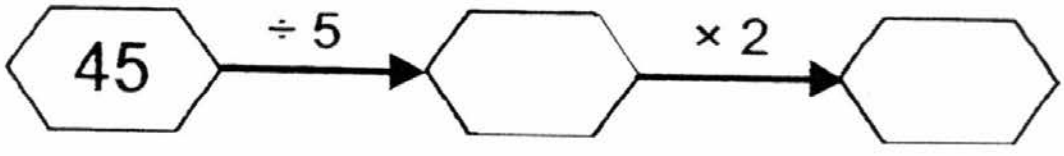
21. Form the smallest 3-digit odd number using the numbers below.

| 6 | 7 | 2 | 5 |
|---|---|---|---|

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.



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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.



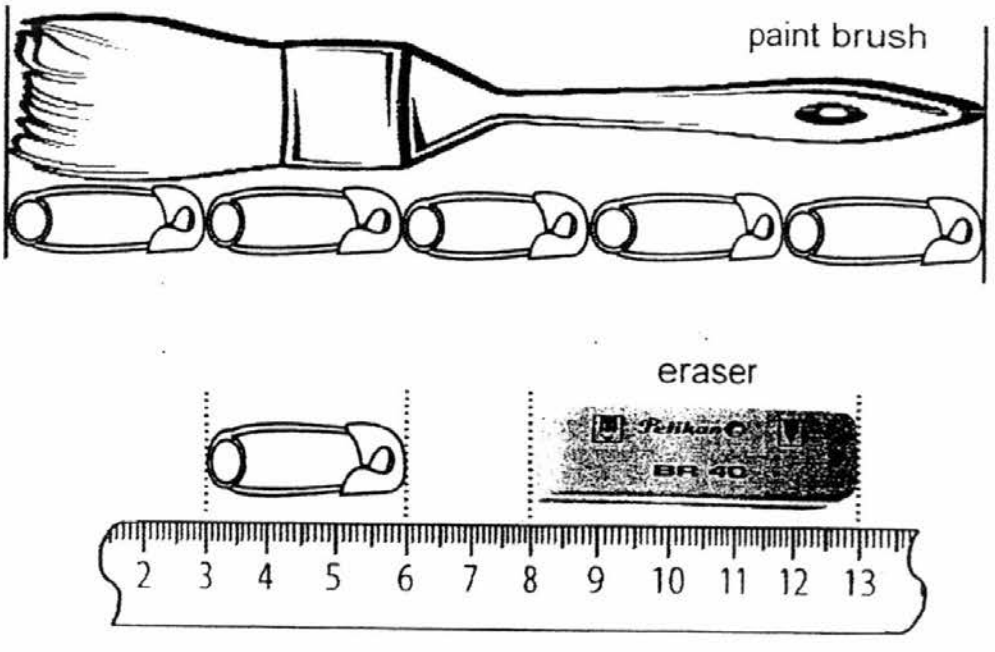
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25. Mr Potter had $900.
He spent $380 on a handphone.
He spent some money on a laptop and had $230 left.
How much did he spend on the laptop?

He spent $_____ on the laptop.

---

26. Look at the figures below.




The paint brush is _____ cm longer than the eraser.



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



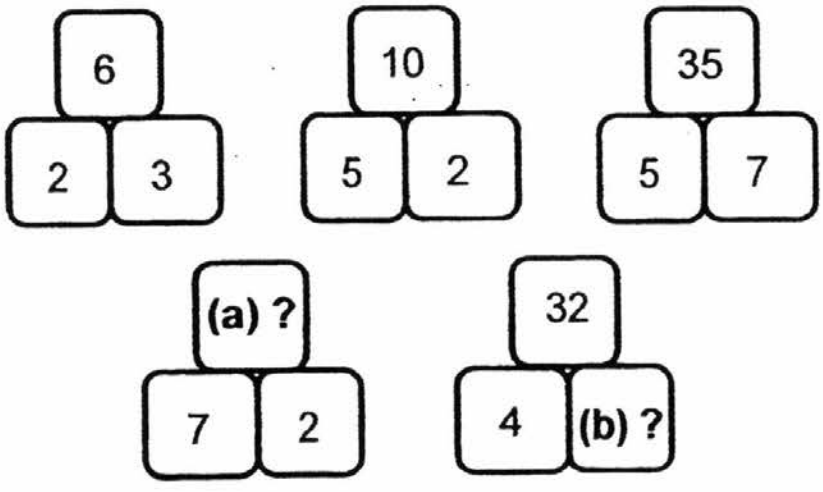

Reached library

(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.



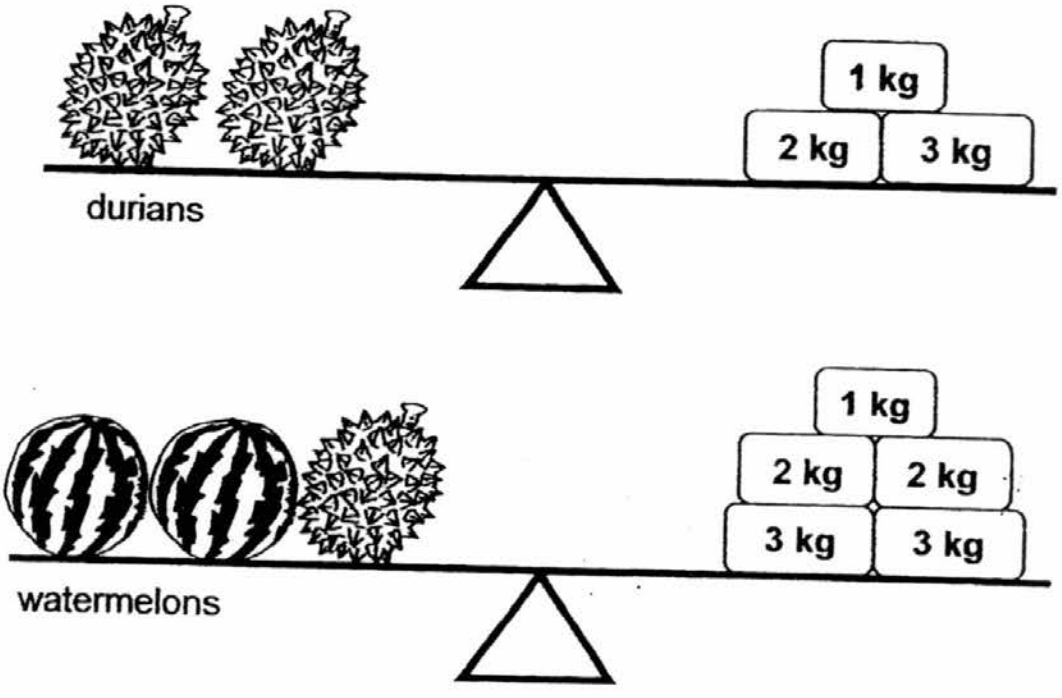

The missing numbers are (a) _____ and (b) _____.

---



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29. Look at the diagrams below.




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

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



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**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?

Working

Harry had _____ marbles.

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

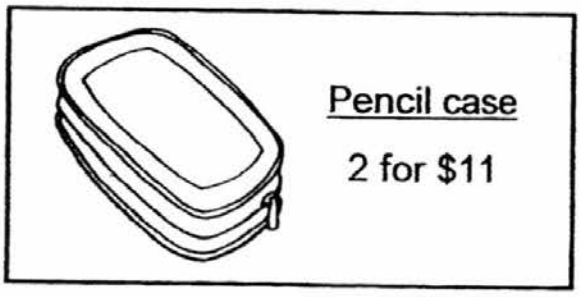
Harry had _____ marbles in the end.

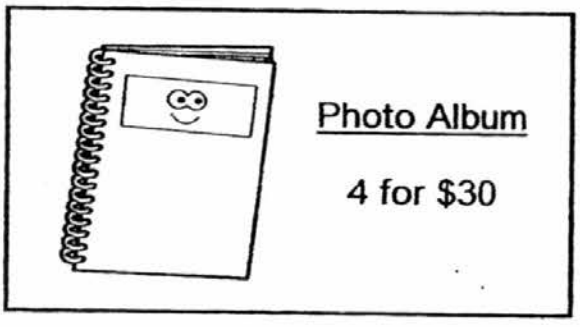
(7)



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31. Look at the pictures below.




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.

Working



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

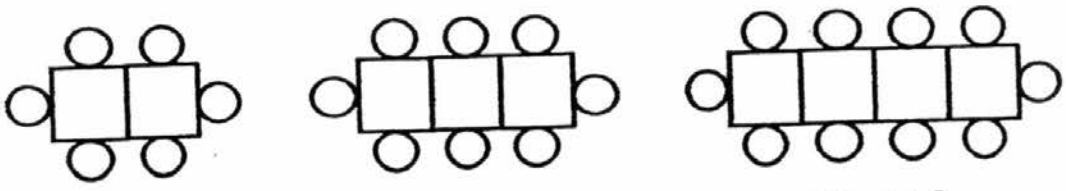


Figure 1 Figure 2 Figure 3

(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?**



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

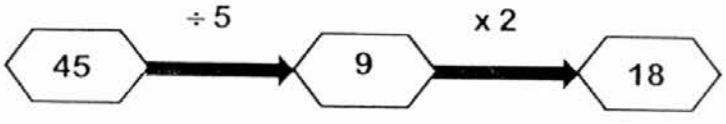
## Booklet A

| 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.

Q22




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 ÷ 4 = 4






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Q25 $900 - $380 = $520
$520 - $230 = $290

He spent $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 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 x 2 = 14 and 32 ÷ 4 = 8

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

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

The mass of 1 durian is 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 16 kg.

Q30 (a) 375 + 138 = 513

Harry had 513 marbles.

(b) 513 – 97 = 416

Harry had 416 marbles in the end.



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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



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