



## 2018 PRIMARY 4 SEMESTRAL ASSESSMENT 1

Name: \_\_\_\_\_ ( )

Date: 11 May 2018

Class: Primary 4 ( )

Time: 8.00 a.m. - 9.00 a.m.

Parent's Signature: \_\_\_\_\_

Marks: \_\_\_\_\_ / **100**

### **MATHEMATICS**

### **PAPER 1**

### **(Booklet A and Booklet B)**

#### INSTRUCTIONS TO CANDIDATES

1. Write your name, class and register number.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. The duration for Paper 1 is 1 hour.

Booklet A	20
Booklet B	40
Paper 2	40

## Paper 1 (Booklet A)

Questions 1 to 10 carry 2 marks each.

For each question, four options are given. One of them is the correct answer.

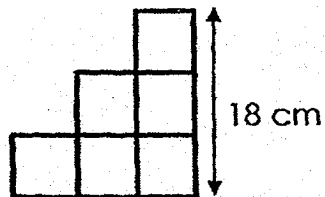
Shade the correct oval ( 1, 2, 3 or 4 ) on the Optical Answer Sheet. (20 marks)

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1. 20 km 50 m = \_\_\_\_\_ m

- (1) 2050
- (2) 20 005
- (3) 20 050
- (4) 20 500

2. The figure is made up of 6 identical squares. What is the area of the figure?



- (1) 36 cm<sup>2</sup>
- (2) 108 cm<sup>2</sup>
- (3) 216 cm<sup>2</sup>
- (4) 324 cm<sup>2</sup>

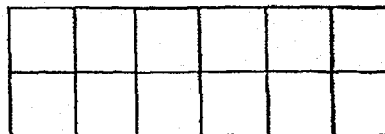
3. Marie boarded a bus at 7.05 a.m. After alighting at the bus-stop, she walked for 10 minutes and reached the market at 7.40 a.m. How long was her bus ride?

- (1) 20 minutes
- (2) 25 minutes
- (3) 30 minutes
- (4) 35 minutes

4.  $\frac{3}{10} + \frac{2}{5} = \underline{\hspace{2cm}}$

- (1)  $\frac{1}{5}$
- (2)  $\frac{4}{10}$
- (3)  $\frac{7}{10}$
- (4)  $\frac{5}{15}$

5. A rectangle is divided into 12 equal parts. How many more parts must be shaded so that half of the figure is shaded?



- (1) 5
- (2) 6
- (3) 7
- (4) 8

6. 349 630 is \_\_\_\_\_ when rounded to the nearest 1000.

- (1) 359 000
- (2) 350 000
- (3) 349 000
- (4) 340 000

7.  $\frac{1}{2}$  of a number is 16. What is  $\frac{3}{4}$  of the number?

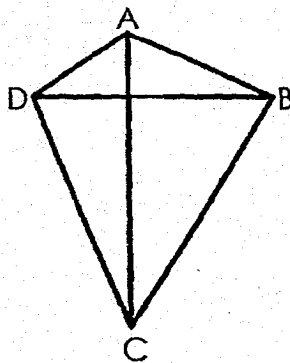
- (1) 32
- (2) 24
- (3) 12
- (4) 8

8. Jessie spent  $\frac{1}{6}$  of her money on a file. She also bought a book for \$12. She then had \$18 left. How much was the file?

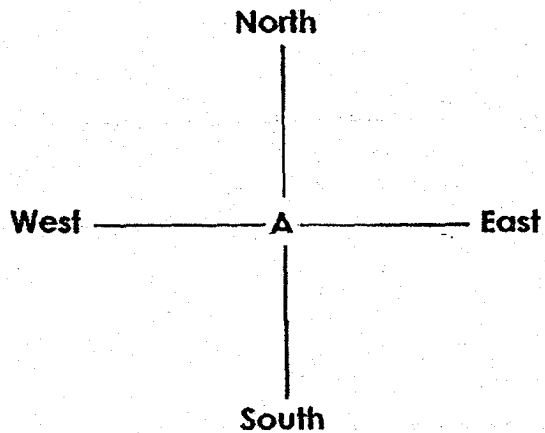
- (1) 1
- (2) 5
- (3) 6
- (4) 30

9. How many right angles are there in the figure?

- (1) 12
- (2) 8
- (3) 6
- (4) 4



10. Meiling is standing at point A and facing East. After turning  $135^\circ$  anti-clockwise direction, she makes a  $\frac{1}{2}$  turn in a clockwise direction. What direction does she end up facing?



- (1) North-West
- (2) North-East
- (3) South-West
- (4) South-East

## Paper 1 ( Booklet B )

Questions 11 to 30 carry 2 marks each.

Write your answers in the boxes provided. For questions which require units, give your answers in the units stated. (40 marks)

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11. Write 45 390 in words.

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12. Complete the following number pattern.

63 862, 62 862, 61 862, 60 862, \_\_\_\_\_

13. Find the quotient and remainder.

$$6 \overline{)6842}$$

Quotient \_\_\_\_\_

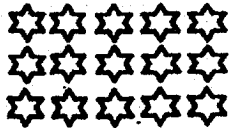
Remainder \_\_\_\_\_

14. Use the digits below to form the smallest 4-digit odd number.  
Each digit can be used only once.



15. What are the first 2 common multiples of 4 and 6?

16.  $\frac{1}{5}$  of 15 is \_\_\_\_\_.



17. Arrange the following fractions in decreasing order.

$$\frac{1}{8}, \frac{3}{4}, \frac{1}{2}$$

18. Find the product of 95 and 30.

19. The table below shows a movie schedule at a cinema.

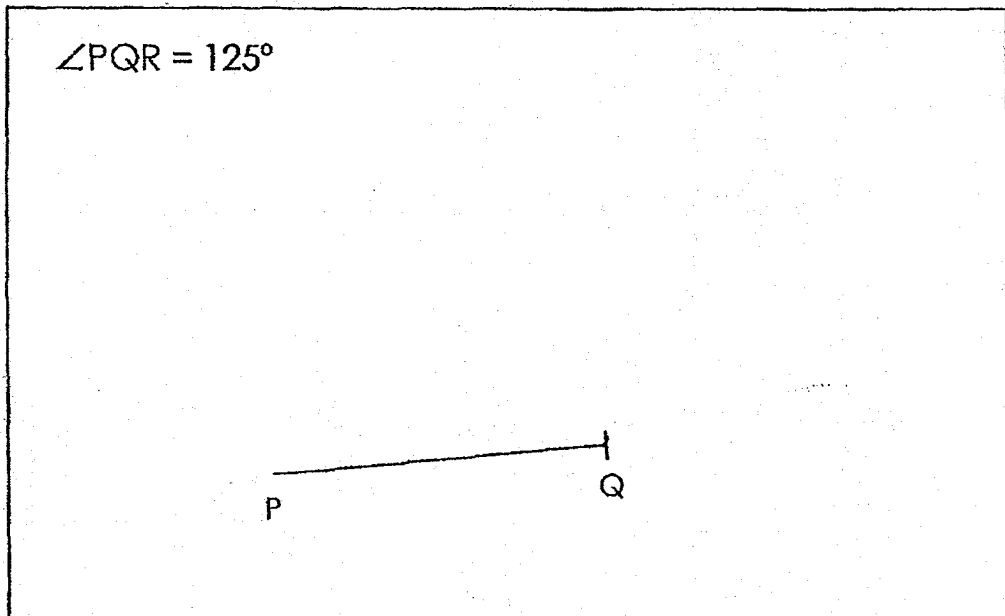
Screening Now		
Movie Show	Start Time	Duration of Movie
The Jingle Story	11.00 a.m., 2.00 p.m.	1 h 45 min
Finding Doby	3.05 p.m., 7.00 p.m.	2 h 35 min
Night Monsters	3.15 p.m., 7.15 p.m.	2 h 15 min

Samuel arrives at the cinema at 3.10 p.m. His father will pick him up at 6.00 p.m. Which movie could Samuel watch from the start to the end?

20. Kaiming jogs for 20 minutes at the park every evening.  
What is the total time he spends jogging per week?

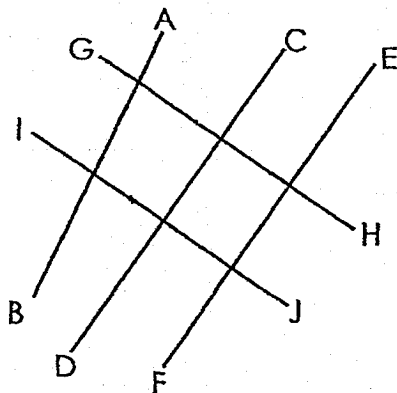


21. Draw the given angle using a protractor in the space below.

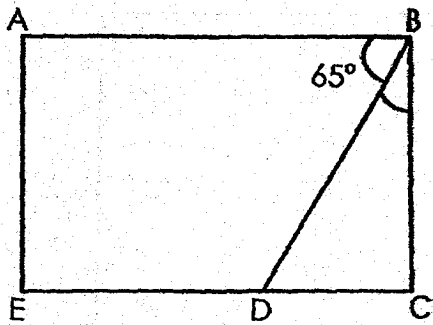


22. Jun Bin has sixteen coins that add up to \$5. There are 50-cent coins and 20-cent coins. How many 50-cent coins does he have?

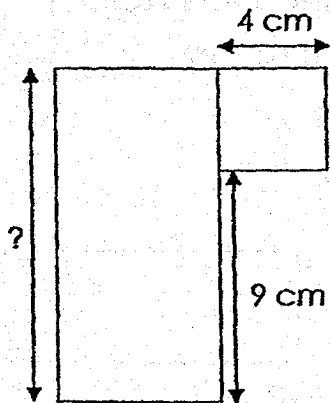
23. Line GH is parallel to Line \_\_\_\_\_.



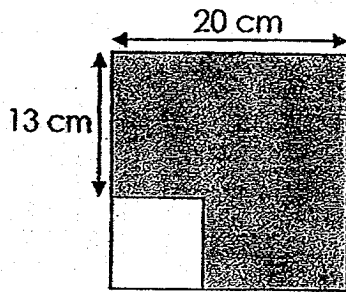
24. In the figure below,  $ABCE$  is a rectangle. Find  $\angle CBD$ .



25. The figure is made up of a rectangle and a square. What is the length of the rectangle?

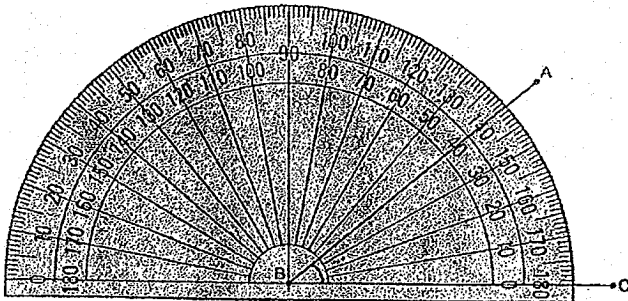


26. The figure below shows a big square and a small square. Find the area of the small square.



$\text{cm}^2$

27. Find  $\angle ABC$ .



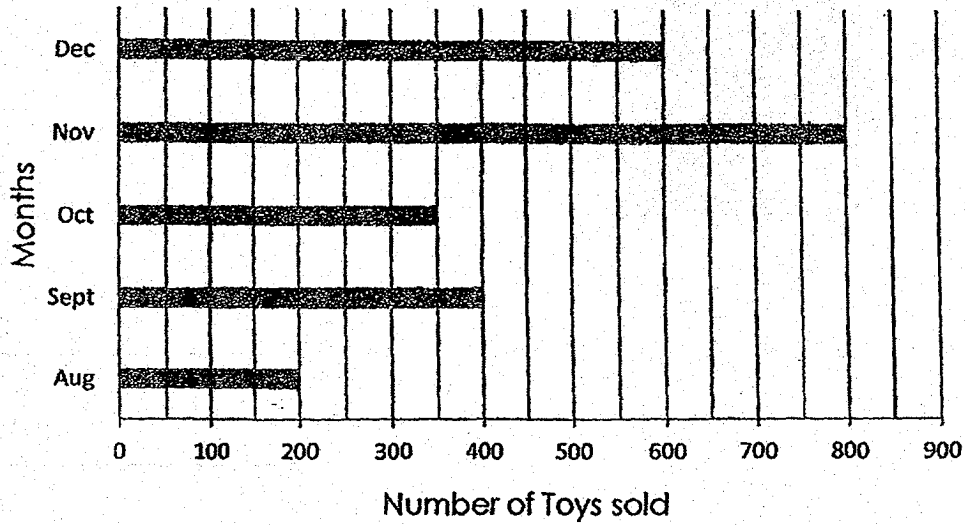
$^\circ$

28. The perimeter of a rectangular garden is 100 m. Its length is 35 m. Find the breadth of the rectangular garden.

m

Use the bar graph below to answer questions 29 and 30.

The bar graph shows the number of toys sold in 5 months.



29. How many more toys were sold in December than in October?

30. In which month were the number of toys sold half of the number sold in September?

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End of Paper 1



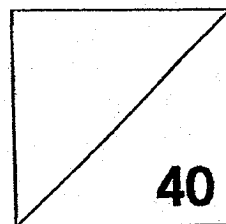
## **2018 PRIMARY 4 SEMESTRAL ASSESSMENT 1**

Name: \_\_\_\_\_ (    )      Date: 11 May 2018

Class: Primary 4 /    )      Time: 11.00 a.m. – 12 noon.

Parent's Signature: \_\_\_\_\_

### **MATHEMATICS PAPER 2**



#### **INSTRUCTIONS TO CANDIDATES**

1. Write your name, class and register number.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Show your working clearly as marks are awarded for correct working.
6. The duration for Paper 2 is 1 hour.

Questions 1 to 10 carry 4 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks)

1. Wei Min had 555 game cards. He packed them equally into 5 boxes. He gave 2 of the boxes to his cousin. How many game cards had Wei Min left?

Wei Min had \_\_\_\_\_ game cards left.

Ans: \_\_\_\_\_

2. Alex is thrice as old as his cousin. Alex is 39 years old now.
- a) How old is his cousin now?
  - b) What is their total age in 2 years' time?

a) His cousin is \_\_\_\_\_ now.

b) Their total age in 2 years' time is \_\_\_\_\_.

Ans: a) \_\_\_\_\_

b) \_\_\_\_\_

3. Claire, Meiling and Sharon have 2320 beads altogether. Both Claire and Meiling have an equal number of beads. Sharon has 160 beads more than Meiling. How many more beads must Sharon buy so that she will have 2 times as many beads as Claire?

Sharon must buy \_\_\_\_\_ more beads so that she will have 2 times as many beads as Claire.

Ans: \_\_\_\_\_



4. Mr Teo bought 2 ties and 3 shirts. A shirt cost twice as much as a tie.  
He spent \$272 in total.  
Find the total cost of one tie and one shirt.

The total cost of one tie and one shirt was \_\_\_\_\_

Ans: \_\_\_\_\_

5. 22 parents and some children attended a carnival. Each parent paid \$15 for the ticket while each child paid \$7. The total amount paid by the parents and children was \$1394. How many children were at the carnival?

There were \_\_\_\_\_ children at the carnival.

Ans: \_\_\_\_\_

6. The figure is made up of 4 squares. The length of each square is 2 cm.

- a) Find the area of the figure.
- b) Find the perimeter of the figure.

a) The area of the figure is \_\_\_\_\_

b) The perimeter of the figure is \_\_\_\_\_

Ans: a) \_\_\_\_\_

b) \_\_\_\_\_

7. John and Candice had some money. When John spent  $\frac{1}{2}$  of his money and Candice spent  $\frac{3}{4}$  of her money, each of them had \$75 left. How much money did each of them have at first?

John had \_\_\_\_\_ and Candice had \_\_\_\_\_

Ans: John - \_\_\_\_\_

Candice - \_\_\_\_\_

8. Jamie had some water in a container. She used all the water to fill 7 bottles completely and was short of 200 ml of water for the 8th bottle. Each bottle had a capacity of 800 ml. How much water was in the container at first?

There was \_\_\_\_\_ of water in the container at first.

Ans: \_\_\_\_\_

9. The table below gives information on the sale of three types of bags in February.

Type of bag	Price per bag	Number of bags sold	Amount collected
A	\$18	26	\$468
B	\$ <input type="text"/>	8	\$232
C	\$35	9	\$ <input type="text"/>

- a) Mother bought two Type B bags, how much must she pay?  
b) What was the total amount collected from the sale of the three types of bags?



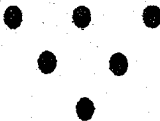
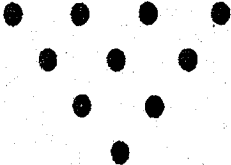
a) Mother must pay \_\_\_\_\_.

b) The total amount collected from the sale of the three types of bags was \_\_\_\_\_.

Ans: a) \_\_\_\_\_

b) \_\_\_\_\_

10. Look at the pattern and answer the questions.

			
Figure 1	Figure 2	Figure 3	Figure 4

a) Complete the table

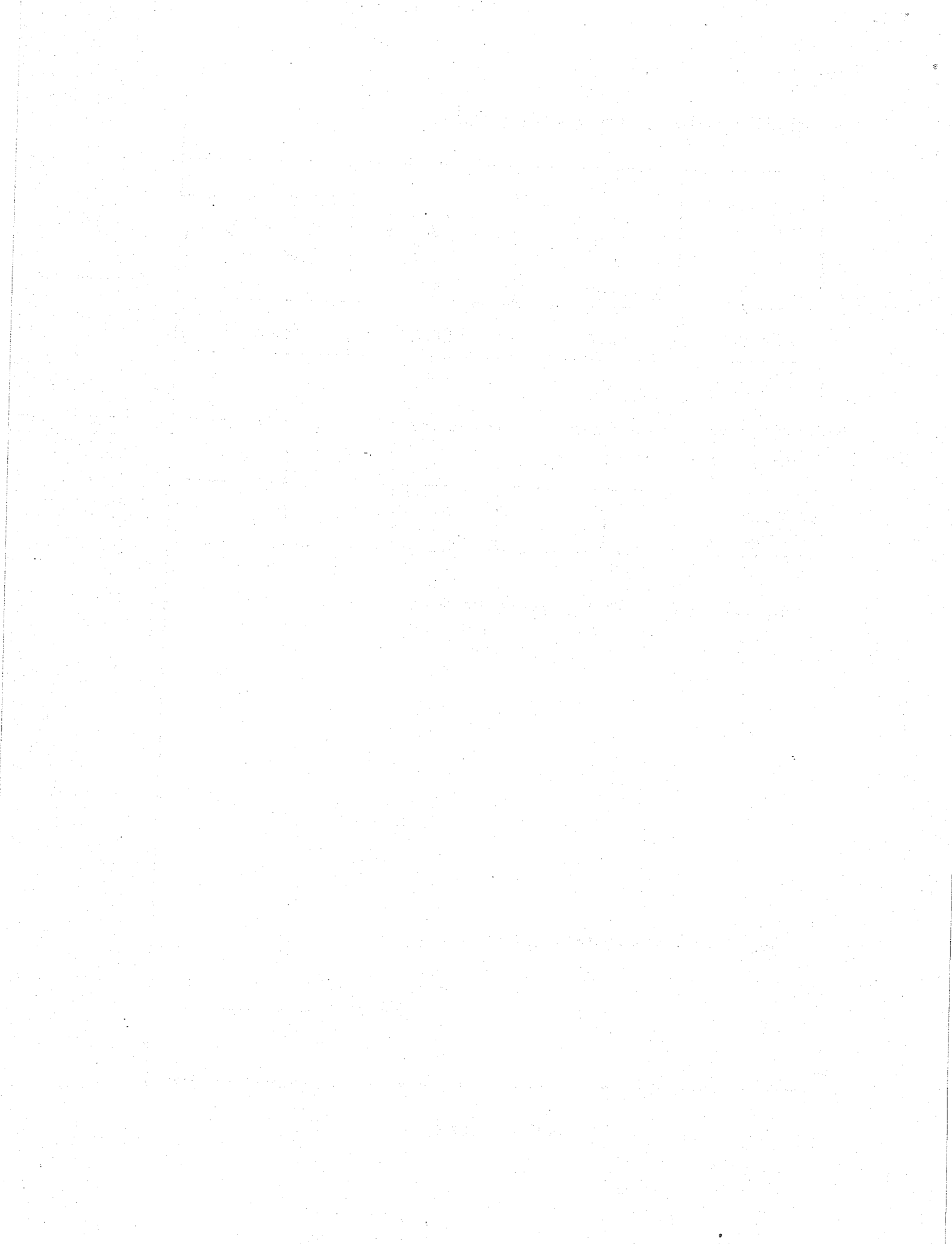
Figure	1	2	3	4	5
Number of dots	1	3		10	

b) In which figure will there be 66 dots?

b) There will be 66 dots in Figure \_\_\_\_\_

Ans: b) \_\_\_\_\_

End of Paper 2





SCHOOL : TAO NAN PRIMARY SCHOOL  
LEVEL : PRIMARY 4  
SUBJECT : MATH  
TERM : 2018 SA1

**PAPER 1 BOOKLET A**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	3	2	3	1	2	2	3	4	4

**PAPER 1 BOOKLET B**

Q11) Forty – five thousand, three hundred and ninety

Q12) 59862

Q13) Quotient 1140  
Remainder 2

Q14) 3487

Q15) 12 and 24

Q16) 3

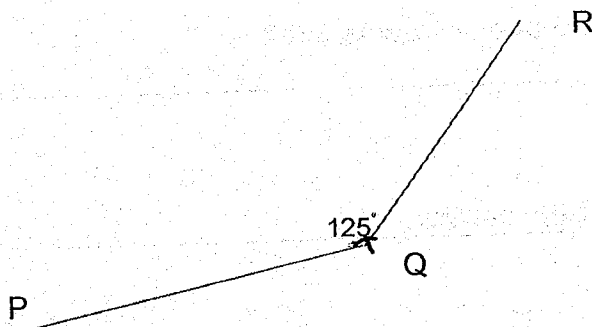
Q17)  $\frac{3}{4}$ ,  $\frac{1}{2}$ ,  $\frac{1}{8}$

Q18) 2850

Q19) Night Monsters

Q20) 2 h 20 min

Q21)



Q22) 6 50-cent coins

Q23)	Line I J
Q24)	25°
Q25)	13 cm
Q26)	49 cm <sup>2</sup>
Q27)	40°
Q28)	15 m
Q29)	250 more toys
Q30)	August

## Paper 2

Q1)	$555 \div 5 = 111$ $111 \times 2 = 222$ $555 - 222 = 333$ Wei Min had 333 game cards left.
Q2)	$39 \div 3 = 13$ $39 + 13 = 52$ $2 + 2 = 4$ $52 + 4 = 56$ a) His cousin is 13 years old now. b) Their total age in 2 years' time is 56 years
Q3)	$2320 - 160 = 2160$ $2160 \div 3 = 720$ $720 - 160 = 560$ Sharon must buy 560 more beads so that she will have 2 times as many beads as Claire.
Q4)	$3 \times 2 = 16$ $6 + 2 = 8$ $272 \div 8 = 34$ $34 \times 3 = 102$ The total cost of one tie and one shirt was \$102
Q5)	$22 \times 15 = 330$ $1394 - 330 = 1064$ $1064 \div 7 = 152$ There were 152 children at the carnival
Q6)	$2 \times 2 = 4$ $4 \times 4 = 16$ $2 \times 10 = 20$ a) The area of the figure is 16 cm <sup>2</sup> b) The perimeter of the figure is 20 cm
Q7)	$75 \times 2 = 150$ $75 \times 4 = 300$ John had \$150 and Candice had \$300

Q8)  $8 \times 800 = 6400$   
 $6400 - 200 = 6200$   
There was 6200 ml of water in the container at first.

Q9)  $29 \times 2 = 58$   
 $468 + 232 = 700$   
 $700 + 315 = 1015$   
a) Mother must pay \$58  
b) The total amount collected from the sale of the three types of bags was \$1015.

Q10) a) 6 , 15  
b) There will be 66 dots in Figure 11

