



## PRIMARY 4 MID-YEAR EXAMINATION 2017

Name : \_\_\_\_\_ ( ) Date: 12 May 2017

Class : Primary 4 ( )

Time: 8.00 a.m. to 9.00 a.m.

Parent's Signature : \_\_\_\_\_ Marks: \_\_\_\_\_ / 100

# MATHEMATICS

## PAPER 1

(Booklet A and Booklet B)

Duration for Paper 1 is 1 hour.

Do not open this booklet until you are told to do so.

Read and follow all instructions carefully.

Answer all questions.

Booklet A	20
Booklet B	40
Paper 2	40

## Paper 1 (Booklet A)

### Multiple Choice Questions

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. In 43 852, the digit 8 stands for \_\_\_\_\_.
- (1) 8
  - (2) 80
  - (3) 800
  - (4) 8000
2.  $83\ 102 =$  \_\_\_\_\_ ten thousands + 3 thousands + 1 hundreds + 2 ones
- (1) 8
  - (2) 80
  - (3) 3
  - (4) 83
3. A number when rounded to the nearest ten is 1000.  
What is that number?
- (1) 949
  - (2) 989
  - (3) 998
  - (4) 1048

4.  $\frac{6}{10}$  is equivalent to \_\_\_\_\_.

(1)  $\frac{2}{5}$

(2)  $\frac{3}{5}$

(3)  $\frac{2}{10}$

(4)  $\frac{3}{10}$

5.  $\frac{7}{9} - \frac{1}{3} =$  \_\_\_\_\_

(1)  $\frac{4}{9}$

(2)  $\frac{6}{9}$

(3)  $\frac{6}{6}$

(4)  $\frac{10}{9}$

6. The product of 295 and 18 is \_\_\_\_\_.

(1) 2655

(2) 3570

(3) 4210

(4) 5310

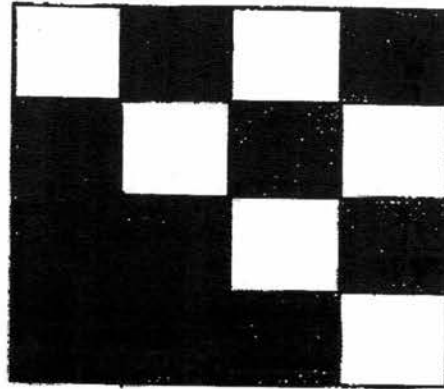
7. A number when divided by 7 gives a quotient of 84 and a remainder of 3. What is this number?

- (1) 15
- (2) 80
- (3) 588
- (4) 591

8. How many fifths are there in  $4\frac{3}{5}$  ?

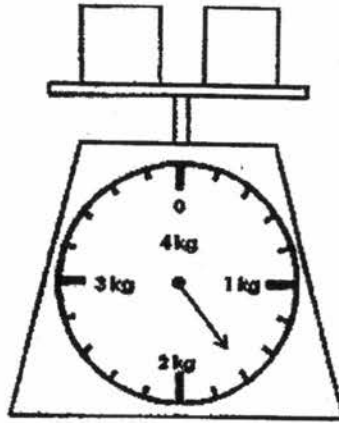
- (1) 12
- (2) 17
- (3) 20
- (4) 23

9. What fraction of the figure is shaded?



- (1)  $\frac{5}{8}$
- (2)  $\frac{6}{16}$
- (3)  $\frac{7}{13}$
- (4)  $\frac{7}{16}$

10. The figure below shows 2 identical boxes on a weighing scale. Find the mass of 4 such boxes.



- (1) 1kg 300 g
- (2) 2kg 600 g
- (3) 3kg 200 g
- (4) 4kg 400 g

## Paper 1 ( Booklet B )

### Short Answer Questions

Write your answers in the boxes provided. For questions which require units, give your answers in the units stated. Questions 11 to 30 carry 2 marks each. (40 marks)

11. Write 91 043 in words.

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12. Complete the following number pattern.

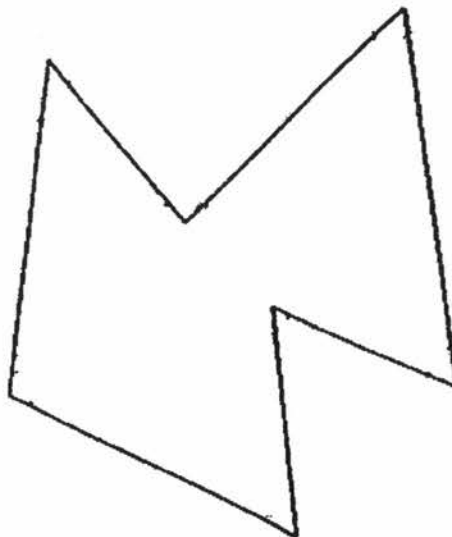
8 800, \_\_\_\_\_, 9 000, 9 100, 9 200

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13. Shade the correct number of boxes to show  $\frac{1}{4}$ .


14. Devi baked 16 cupcakes. She gave away 12 cupcakes. What fraction of the cupcakes was left? Express your answer in its simplest form.

15. Look at the figure. How many angles inside the figure are less than  $90^\circ$ ?





16. Arrange the following fractions in increasing order.

$$\frac{10}{8}, \frac{11}{4}, 2\frac{1}{2}$$

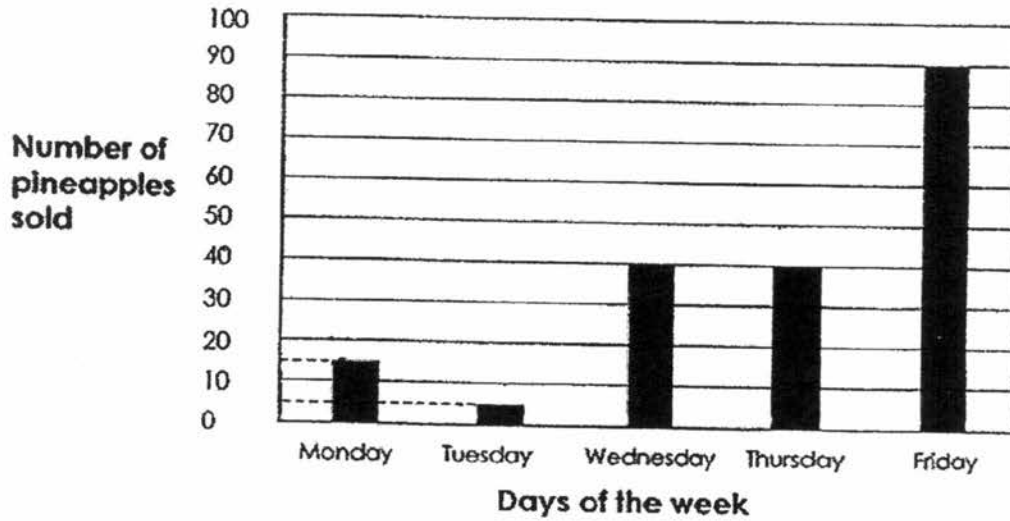
\_\_\_\_\_

17. Matt read  $\frac{5}{7}$  of a book and had 68 pages left. How many pages were there in the book?

18. Haikal bent a 48-cm wire to make a square. What was the area of the square?

cm<sup>2</sup>

19. The graph below shows the number of pineapples sold by Mr Sim from Monday to Friday. Study the graph carefully and answer questions 19(a) and 19(b).



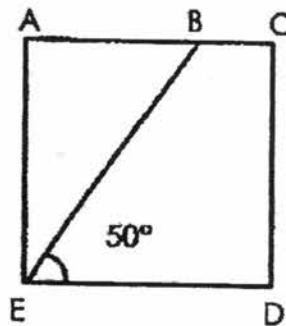
- (a) How many pineapples were sold from Tuesday to Thursday?

- (b) 5 pineapples cost \$10. How much more money did Mr Sim receive from the sale of the pineapples on Friday than on Monday?

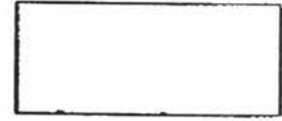
20. Mrs Tan spent \$24 on some pens during the sale. How many pens did she receive in total?



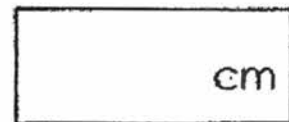
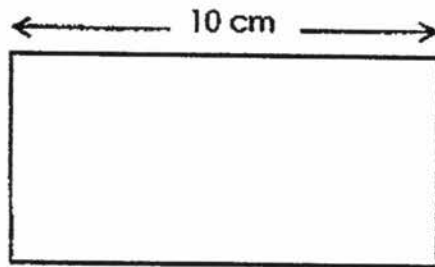
21. Find the size of  $\angle AEB$  in the given square.



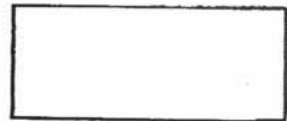
22.  $5\frac{2}{3} + 2\frac{1}{6} = \boxed{?}$



23. The length of the figure below is twice its breadth. Find its perimeter.



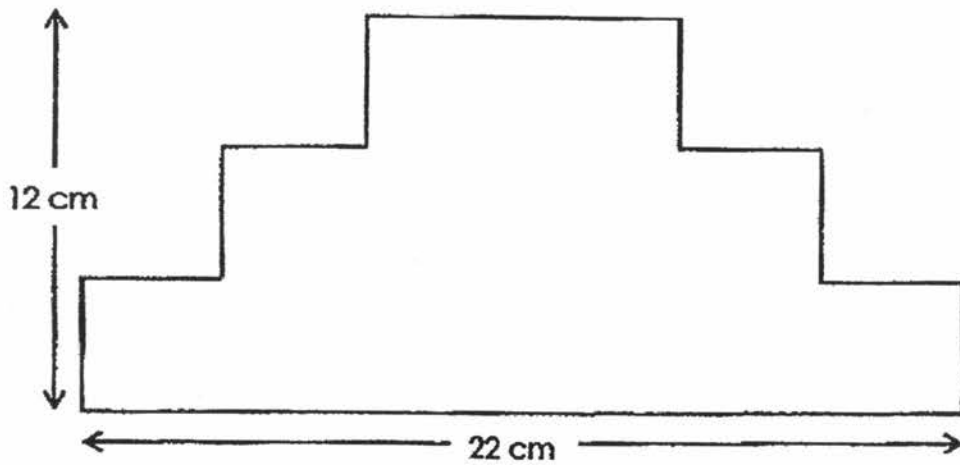
24. Kelly is facing East. She turns  $225^\circ$  anti-clockwise. What direction is she facing now?



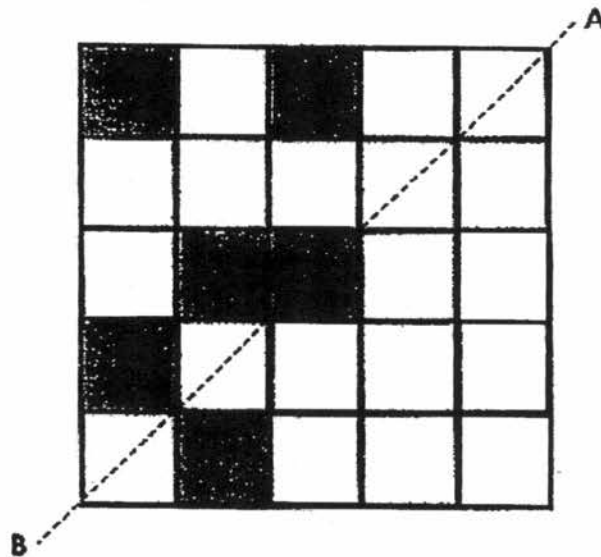
25. Draw a square EFGH of side 6 cm.



26. Find the perimeter of the figure.



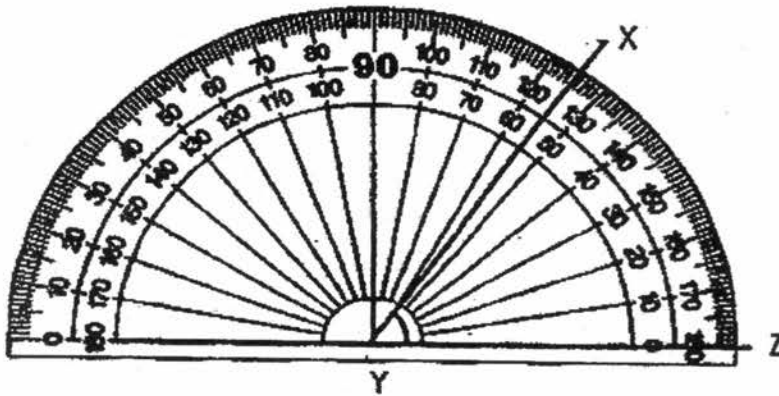
27. Complete the symmetric figure with AB as the line of symmetry. Shade the figure.



28. The length of a rectangular field is 90m. Its breadth is 65m. Find the area of the rectangular field.

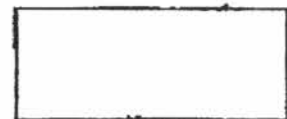
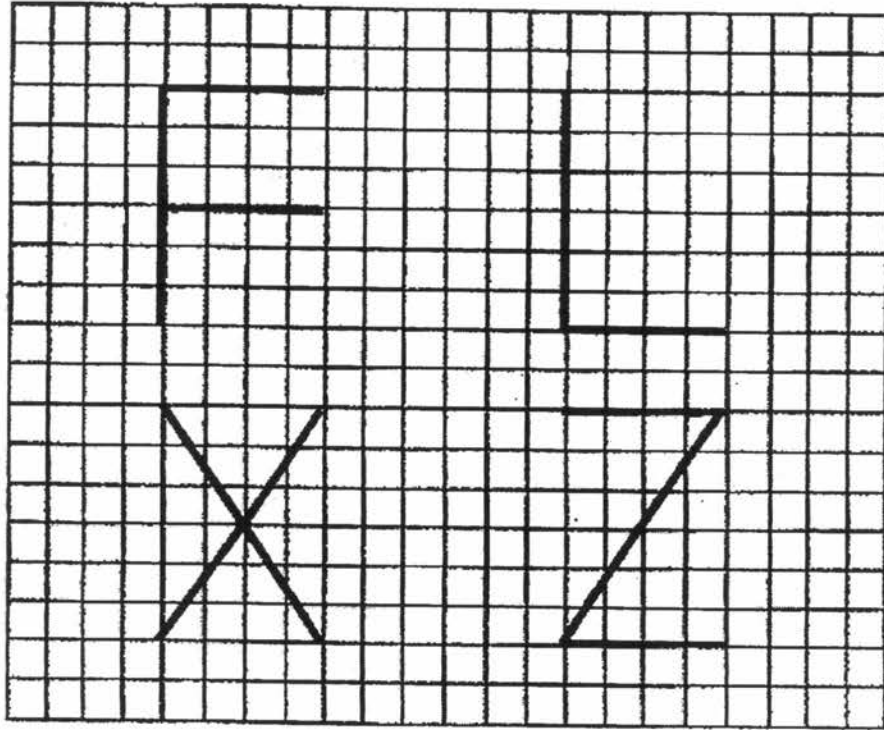
$m^2$
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29. Find  $\angle XYZ$ .



○
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30. In the diagram below, the letters F, L, X and Z are drawn on a square grid. List the letters which have parallel lines.



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End of Paper 1





**PRIMARY 4 MID-YEAR EXAMINATION 2017**

Name : \_\_\_\_\_ ( 21 ) Date: 12 May 2017

Class : Primary 4 (    )

Time: 10.30 a.m. to 11.30 a.m.

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

Marks: \_\_\_\_\_ / 40

**MATHEMATICS**

**PAPER 2**

Duration for Paper 2 is **1 hour**.

Do not open this booklet until you are told to do so.

Read and follow all instructions carefully.

Answer all questions.

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

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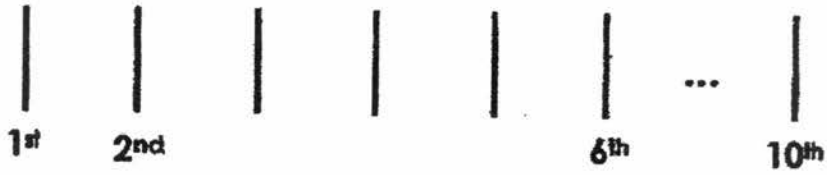
1. Class A and Class B made 1650 postcards in a charity drive. Class A made 850 postcards. Class C made 100 postcards more than Class B. How many postcards did the three classes make in the charity drive?

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

2. A vacuum cleaner costs \$640. It costs 5 times as much as an electric cooker. Mary bought a vacuum cleaner and an electric cooker. How much did she spend altogether?

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

3. Paul drew parallel lines in a row at equal distances. The distance between the 2<sup>nd</sup> line and the 6<sup>th</sup> line was 48cm. What was the distance between the 1<sup>st</sup> line and the 10<sup>th</sup> line?



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

4. Meili is 15 years old. 4 years ago, her aunt was 3 times ~~older~~ <sup>as old as</sup> than her. How old is her aunt now?

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

5. Mrs Tan baked some cupcakes. Her children ate  $\frac{2}{7}$  of them.  
She gave 34 cupcakes to her friends and had 11 cupcakes left.  
How many cupcakes did she bake?

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

6. John wants to tile a room which has a perimeter of 64m. The length of the room is thrice its breadth. It costs \$40 to tile up each square metre.

a) What is the length of the room?

b) How much does it cost to tile up the entire room?

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

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

7. There were 4 times as many boys as girls in the school hall. After 330 boys and 30 girls left the hall, there was an equal number of boys and girls in the hall. How many pupils were in the hall at first?

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

8. There are some marbles in a bag.  $\frac{2}{5}$  of the marbles are blue,  $\frac{1}{2}$  of them are yellow and the rest are red. There are 24 more yellow marbles than red marbles. How many marbles are there in the bag altogether?

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

9. Tim has 15 notes in his wallet. They consist of \$2, \$5 and \$10 notes. There are 3 \$5-notes. The total value of the notes is \$71. How many \$2 notes does Tim have?

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



10. Miss Ong has a bag of sweets for her pupils. When she gives 6 sweets to each of her pupils, she will have 2 sweets left. When she gives 7 sweets to each of her pupils, she will be short of 5 sweets.

- (a) How many pupils does Miss Ong have?
- (b) How many sweets are there in the bag?

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

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

End-of- Paper

EXAM PAPER 2017 (P4)

SCHOOL : TAO NAN

SUBJECT : MATHEMATICS

TERM : SA1

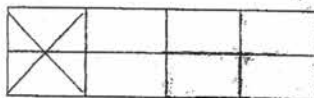
ORDER CALL :

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

11) Ninety-one thousand and forty-three.

12) 8900

13)



14)  $\frac{1}{4}$

15) 4

16)  $\frac{10}{8}$ ,  $2\frac{1}{2}$ ,  $\frac{11}{4}$

17) 238

18)  $144\text{cm}^2$

19) a) 85

b) \$1.50

20) 16

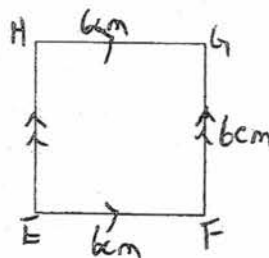
21)  $40^\circ$

22)  $\frac{75}{6}$

23) 30cm

24) South-west

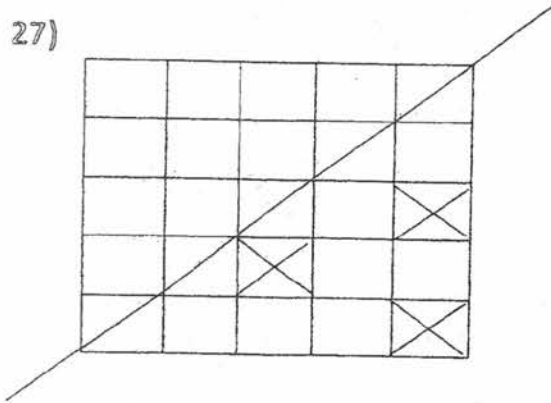
25)



26)  $22 + 12 = 34$

$34 \times 2 = 68\text{cm}$

27)



28)  $5850 \text{ m}^2$

29)  $55^\circ$

30) F and Z

Paper 2

1)  $1650 - 850 = 800$

$800 + 100 = 900$

$900 + 800 + 850 = 2550$

The three classes made 2550 postcards.

2)  $640 \div 5 = 128$

$128 \times 6 = \$768$

She spent \$768 altogether.

3)  $6 - 2 = 4$

$48 \div 4 = 12$

$10 - 1 = 9$

$9 \times 12 = 108$

The distance is 108cm

4)  $15 - 4 = 11$

$11 \times 3 = 33$

$33 + 4 = 37$

Her aunt is 37 years old.

5)  $34 + 11 = 45$

$45 \div 5 = 9$

$9 \times 7 = 63$

She baked 63 cupcakes.

6)  $3 + 1 = 4$

$4 \times 2 = 8$

$64 \div 8 = 8$

$8 \times 3 = 24\text{m}$

$8 \times 24 = 192$

$192 \times 40 = 7680$

a) The length of the room is 24m

b) It cost \$7680

7)  $330 - 30 = 300$

$300 \div 3 = 100$

$100 \times 5 = 500$

500 pupils were in the hall at first.

8)  $24 \div 2 = 12$

$12 \times 5 = 60$

There are 60 marbles in the bag altogether.

9)  $5 \times 3 = 15$

$71 - 15 = 56$

$15 - 3 = 12$

Assume all are \$2 note  $\rightarrow \$2 \times 12 = \$24$

$56 - 24 = 32$

$10 - 2 = 8$

$32 \div 8 = 4$

$12 - 4 = 8$

Tim has 8 \$2 notes.

10)a)7

b)44