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TAO NAN SCHOOL 道南学校

SINCERITY & PERSEVERANCE

PRIMARY 3 END-OF-YEAR EXAMINATION 2016

Name : _____ ( ) Date: 24 October 2016

Class : Primary 3 ( ) Time: 8.00 a.m. - 9.00 a.m.

Parent's signature : _____ Marks: _____ / 60

MATHEMATICS

PAPER 1

(BOOKLETS A & B)

Time 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	10
Booklet B	20
Total for Paper 1	30

Paper 1: Booklet A (10 marks)

Questions 1 to 10 carry 1 mark each. For each question, four options are given. One of them is the correct answer. Make your choice (1 , 2 , 3 or 4).

Shade the correct answer on the Optical Answer Sheet (OAS).

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1. Which one of the following numbers has the digit 2 in the hundreds place ?

   (1) 2965

   (2) 5692

   (3) 6529

   (4) 9265

2. What is the sum of 5397 and 2684 ?

   (1) 8081

   (2) 8071

   (3) 7981

   (4) 7081

3. $387 \times 9 =$ _____

   (1) 2723

   (2) 2783

   (3) 3423

   (4) 3483

4.

$$6\overline{)\,?\,} \quad = \quad 687 \text{ R } 5$$

What is the missing number in the box ?

(1) 4152

(2) 4127

(3) 4122

(4) 4117

5. Desmond has 8 twenty-cent coins, 3 one-dollar coins and 2 ten-dollar notes. How much money does Desmond have altogether ?

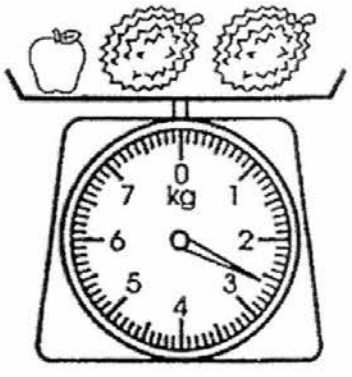
(1) $13

(2) $23

(3) $24.60

(4) $4.60

6. The apple weighs 200 g and both durians are of the same mass. What is the mass of one durian ?



(1) 2400 g

(2) 2600 g

(3) 1200 g

(4) 1300 g

7. Belinda has a piece of cloth which is 5 m long. She uses 2 m 25 cm to make a dress and 85 cm to make a bag. What is the length of cloth she had left ?

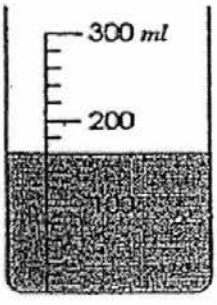
(1) 190 cm

(2) 275 cm

(3) 310 cm

(4) 415 cm

8. What is the amount of water in the beaker ?



(1) 130 mℓ

(2) 160 mℓ

(3) 30 mℓ

(4) 60 mℓ

9. Which one of the following fractions is the greatest ?

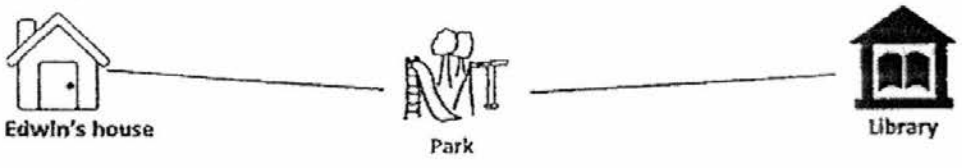
(1) $\frac{5}{6}$

(2) $\frac{5}{7}$

(3) $\frac{5}{8}$

(4) $\frac{5}{9}$

10. Edwin left his house at 8 a.m. to go to the library. He passed the park at 9.10 a.m. Then he took another 20 minutes to cycle to the library. How long did he take to travel from his house to the library ?



(1) 110 min

(2) 130 min

(3) 1 h 10 min

(4) 1 h 30 min

End of Booklet A

Paper 1: Booklet B (20 marks)

Each question carries 1 mark. Write your answers in the boxes provided.

Give your answers in the units stated.

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11. Complete the number pattern.

2, 4, 8, 16, _____ , 64, 128, 256

Ans :

12. What is the value of 8 thousands, 2 hundreds and 9 ones ?

Ans :

13. What is the missing number in the box ?

7850 is ☐ tens more than 7800.

Ans : ☐

14. Express 6 km 75 m in metres.

Ans : ☐ m

15. Edwin wants to buy a T-shirt as shown below. He has only $8.50.

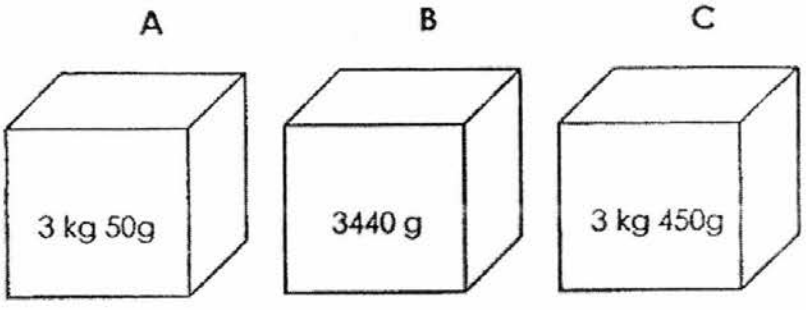
How much more money does he need ?

Ans : $ ☐

16. Jacob bought 1 m 50 cm of ribbon. He used 50 cm to tie a present. He cut the remaining ribbon into equal pieces of 10 cm each. How many such pieces of ribbon could he get ?

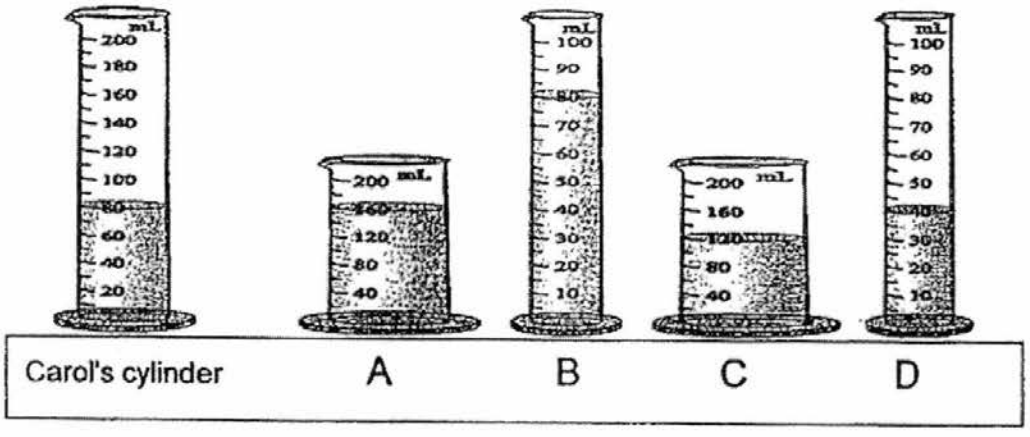
Ans : ____

17. The objects below are made of different materials.
Which object is the lightest ?



Ans : Object

18. The five cylinders below contained some water. Carol poured all the water from her cylinder into **one of the cylinders (A, B, C or D)**. Which cylinder will hold all her water ?



Ans : Cylinder

19. Find the difference between $\frac{2}{3}$ and $\frac{2}{9}$.

Ans :

20. Jolene took 35 minutes to practise playing the piano.
She then took 25 minutes to read a book.
She completed both activities at the time shown.
The clock was 10 minutes slow.
What was the actual time she started her piano practice?

Ans : _____ p.m.

21. A number is between 26 and 35. When it is divided by 3, the quotient is a whole number. When it is divided by 5, the quotient is also a whole number.
What is the number ?

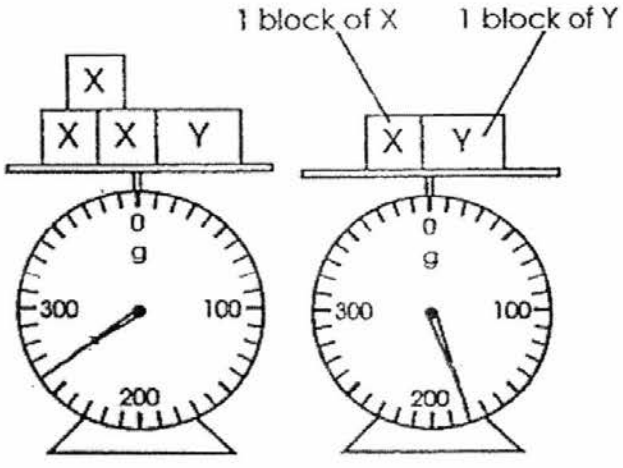
Ans : _____

22. Winston cycled from Point A to Point D.
The total distance he cycled was 5 km 950 m.

The distance between Point B and Point C is _____ km _____ m.

Ans : km m

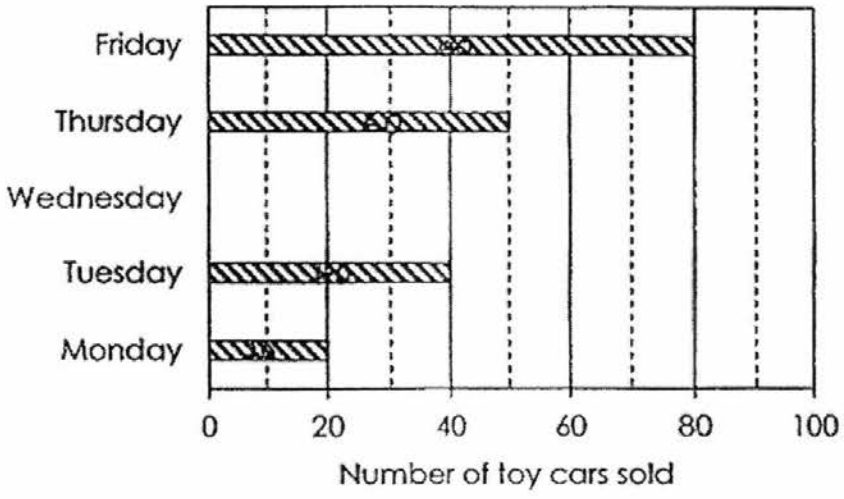
23. Study the diagram below.



What is the mass of each block of X ?

Ans : g

The graph below shows the number of toy cars sold in 5 days. Study the graph carefully and use it to answer questions 24 and 25.



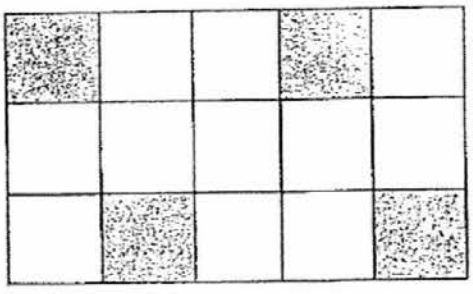
24. 280 toy cars were sold from Monday to Friday. How many toy cars were sold on Wednesday ?

Ans :

25. The number of toy cars sold on Sunday was twice the number sold on Thursday. How many toy cars were sold on Sunday ?

Ans :

26. The figure below is made up of 15 similar squares.



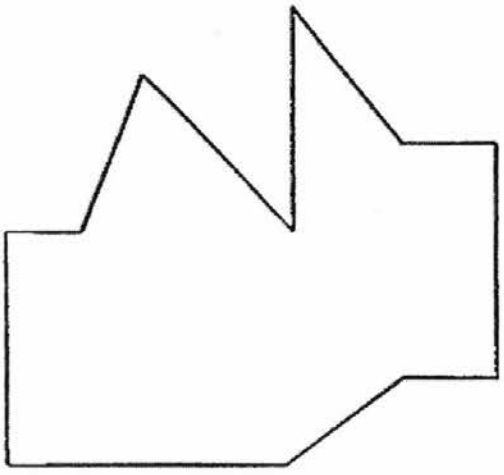
How many more squares must be shaded so that $\frac{3}{5}$ of the whole figure becomes shaded ?

Ans : ____

27. **Circle** the letter that has a pair of perpendicular lines.

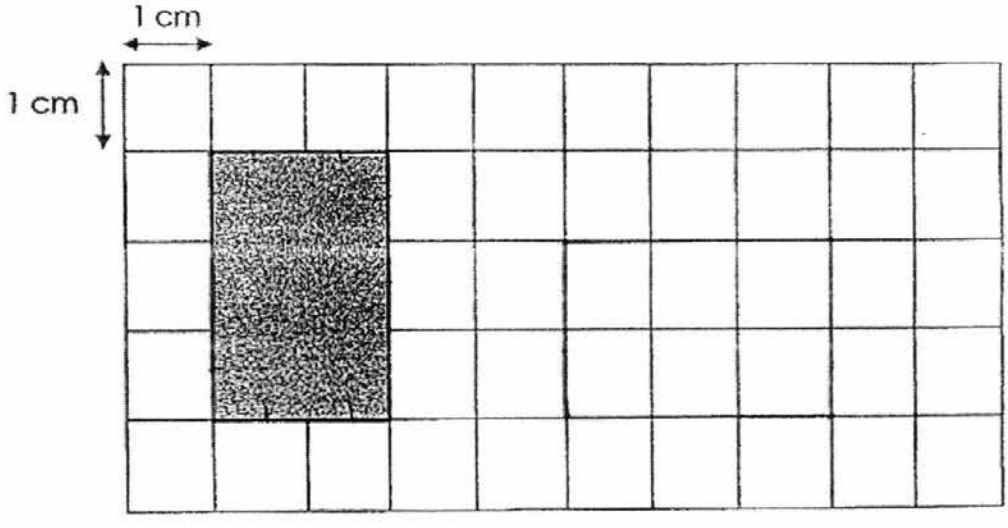
T A Z X

28. How many right angles are there in the figure below ?



Ans :

29. . Draw one more figure with the same perimeter as the given figure.



30. The length of a rectangular field is twice as long as its breadth. The perimeter of the rectangular field is 36 m. What is the area of the rectangular field ?

Ans : $\square$ m^2

End of Booklet B

PRIMARY 3 END-OF-YEAR EXAMINATION 2016

Name : _____ (5) Date: 24 October 2016

Class : Primary 3 ( ) Time: 10.30 a.m. - 11.30 a.m.

Parent's signature : _____ Marks: _____ / 30

MATHEMATICS

PAPER 2

Time 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.

Paper 2 (30 marks)

Each question carries 3 marks.

Show all your working and statements clearly.

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1. There were 6780 people in a stadium. There were 5200 adults and 750 girls. How many boys were there ?

Ans: _____

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2. A baker baked 108 cupcakes. He packed them into boxes of 4 cupcakes each. He sold all the boxes at $9 each. How much money did he collect altogether ?

Ans: _____

---

3. Mr Chua has a bag containing 233 sweets. If he gives each of his pupils 6 sweets, he would be left with 5 sweets. How many pupils does he have in his class ?

Ans: _____

4. Bottles A, B and C contain 1350 mℓ of apple juice altogether.
Bottle A contains 100 mℓ more apple juice than Bottle B.
Bottle C contains 250 mℓ more apple juice than Bottle A.
How much apple juice does Bottle B contain ?

Ans: _____

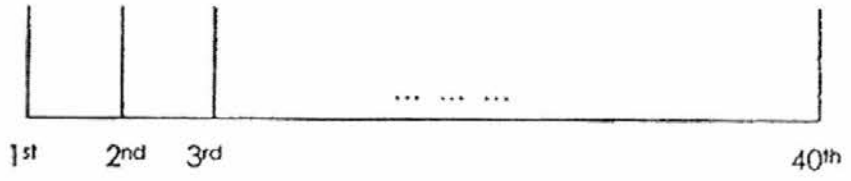
5. David is 6 years old. Shawn is 30 years old. In how many years' time will Shawn's age be 4 times of David's age ?

Ans: _____

6. James had twice as many stamps as Bryan. After Bryan bought another 50 stamps, Bryan had thrice as many stamps as James. How many stamps did James have ?

Ans: _____

7. 40 poles are placed at regular intervals from the beginning of a road to the end of it. The distance between two poles is 5 m. How long is the road ?



Ans: _____

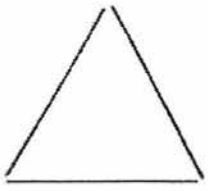
8. Isabelle and Cecilia have 136 stickers. After giving 4 stickers to Cecilia, Isabelle has 3 times as many stickers as Cecilia. How many stickers did Isabelle have at first ?

Ans: _____

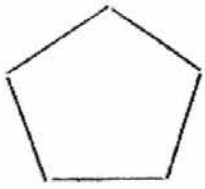
9. There were 3 similar big boxes of the same mass. There were another 4 similar small boxes of the same mass. The total mass of the big and small boxes was 90 kg. The mass of a big box was twice the mass of a small box. Find the total mass of a big box and a small box .

Ans: _____

10. Benedict used 84 sticks to make a total of 22 triangles and pentagons. A triangle was made using 3 sticks and a pentagon was made using 5 sticks. How many pentagons were there ?



Triangle



Pentagon

Ans: _____

END OF PAPER

EXAM PAPER 2016 (P3)

SCHOOL : TOA NAN

SUBJECT : MATHEMATICS

TERM : SA2

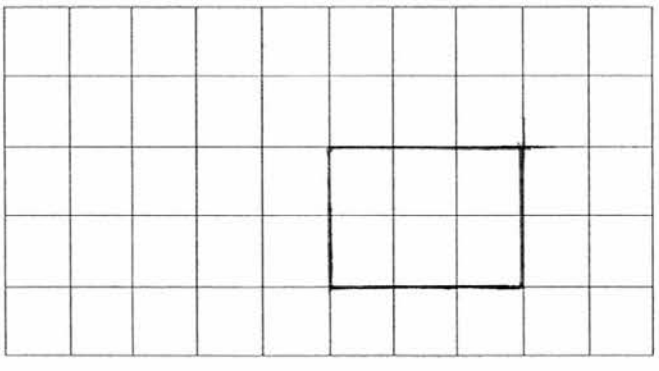
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	1	4	2	3	3	1	2	1	4

11)32 12)8209 13)5 14)6075 15)$5.50 16)10

17)A 18)C 19)4/9 20)1.10p.m. 21)30 22)2 km 620m

23)40g 24)90 25)100 26)5 27)T 28)4

29)



30)72 m2

Paper 2

1)5200 + 750 = 5950

6780 – 5950 = 830

There were 830 boys.

2)108 ÷ 4 = 27

27 x $9 – 243

He collected $243 altogether

3)233 ÷ 6 = 38 R5

233 – 5 = 228

228 ÷ 6 = 38

He have 38 pupils in his class

4)1350ml – 100ml – 100ml – 250ml = 900ml

900ml ÷ 3 = 300ml

Bottle B contains 300ml of apple juice.

5)24 ÷ 3 = 8

8 – 6 = 2

Shawn's age will be 4 times of David's age in 2 years' time.

6)50 ÷ 5 = 10

10 x 2 = 20

James had 20 stamps.

7)40 – 1 = 39

39 x 5m = 195m

The road is 195m long.

8)136 ÷ 4 = 34

34 x 3 = 102

102 + 4 = 106

Isabelle had 106stickers at first.

9)90kg ÷ 10 = 9kg

9kg x 3 = 27kg

The total mass of a big box and a small box is 27kg.

10)Assume all are triangles

22 x 3 = 66

84 – 66 = 18 (lack)

5 – 3 = 2 (difference)

18 ÷ 2 = 9

There were 9 pentagons.