PRIMARY 3 END-OF-YEAR EXAMINATION 2017

Name : _____ ( ) Date: 26 October 2017

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

Parent's Signature : _____ Marks: _____ / 30

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

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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. The value of the digit 4 in 9489 is _____.

(1) 4000

(2) 400

(3) 40

(4) 4

2. What is the **difference** between 5601 and 559 ?

(1) 5042

(2) 5158

(3) 5452

(4) 5558

3. 4 + 4 + 4 + 4 + 4 + 4 = 6 x ☐

What is the missing number in the box ?

(1) 6

(2) 24

(3) 36

(4) 4

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4.

$$5 \overline{)\ ?\ } \quad 82\ R4$$

What is the missing number in the box ?

(1) 328

(2) 333

(3) 410

(4) 414

5. Siti paid $60 for a blouse and a pair of jeans. The blouse costs $24.85. How much does the pair of jeans cost ?

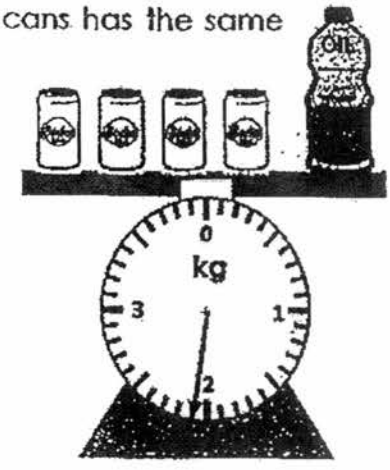
(1) $35.15

(2) $36.25

(3) $46.25

(4) $84.85

6. The bottle of oil weighs 900 g. Each of the cans has the same mass. What is the mass of one can ?



(1) 225 g

(2) 300 g

(3) 525 g

(4) 750 g

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7. Mrs Gopal has a wire that is 40 cm long. She cuts off 12 cm of wire and bends the remaining wire into a square. What is the length of each side of the square ?

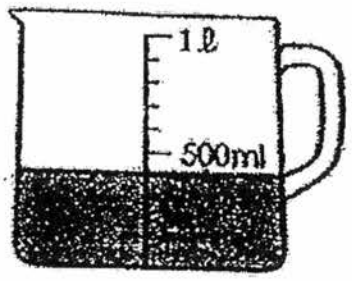
(1) 7 cm

(2) 10 cm

(3) 14 cm

(4) 28 cm

8. What is the amount of water in the cylinder below ?



(1) 1000 mℓ

(2) 500 mℓ

(3) 400 mℓ

(4) 300 mℓ

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9. Which one of the following fractions is **less** than $\frac{1}{2}$?

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

(2) $\frac{3}{7}$

(3) $\frac{4}{8}$

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

10. A movie started at 11 o'clock in the morning. It lasted for 90 minutes. At what time did the movie end ?

(1) 11.45 a.m.

(2) 12.30 a.m.

(3) 12.30 p.m.

(4) 1.30 p.m.

End of Booklet A

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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.

4215, 4230, 4245, _____, 4275

Ans :

12. I am a number.

I am 4 tens greater than 8764.

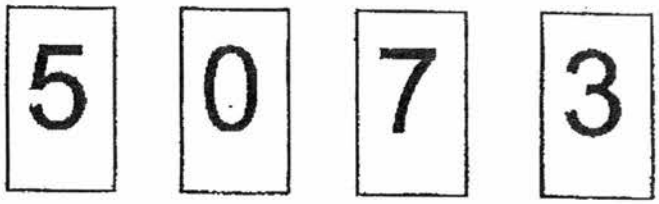
What number am I ?

Ans :

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13. Form the smallest 4-digit odd number using the digits below.



Ans : _____

14. Express 5 km 55 m in metres.

Ans : _____ m

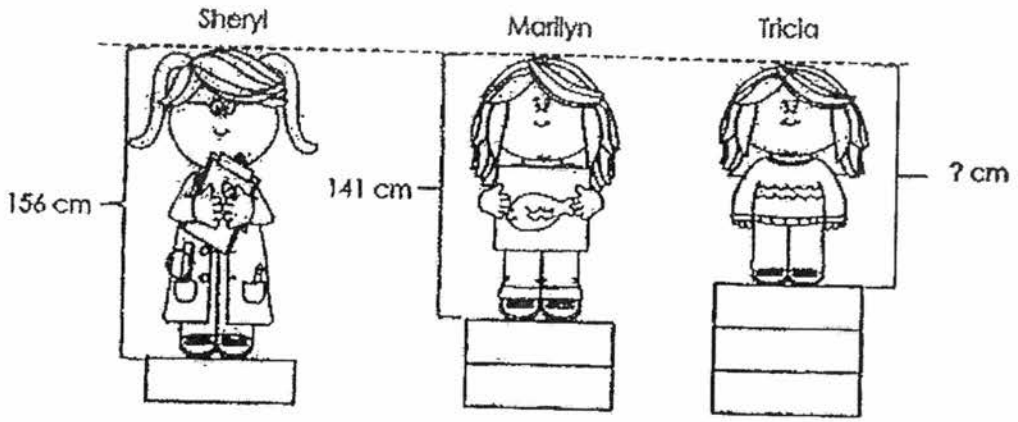
15. Edwin is 20 years old and he is 4 times as old as Russell. How old is Russell ?

Ans : _____ years old

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16. Each wooden block is 15 cm high.

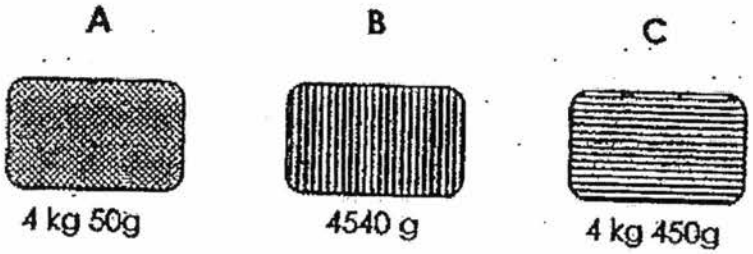
Sheryl is 156 cm tall and Marilyn is 141 cm tall.



How tall is Tricia ?

Ans : _____ cm

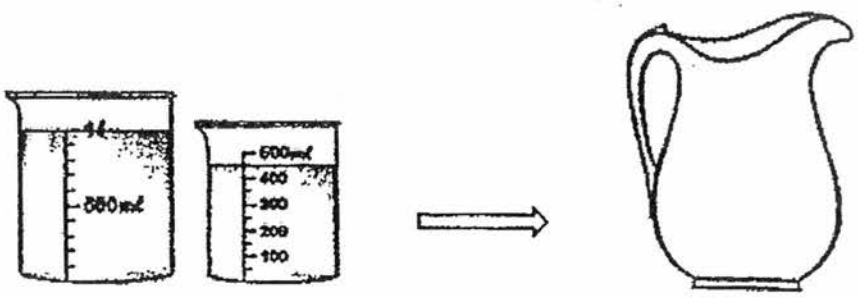
17. The objects below are made of different materials.
Which object is the heaviest ?



Ans : Object

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18. The figure below shows the capacity of 1 jug.



What is the capacity of two such jugs?

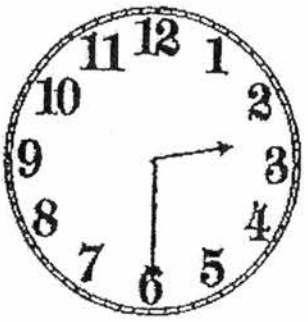
Ans : ℓ ml

19. Find the sum of $\frac{2}{3}$ and $\frac{1}{12}$. (Give your answer in the **simplest** form)

Ans :

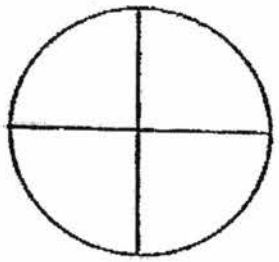
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20. Cindy read a book for an hour in the afternoon. The clock in her house was 20 minutes slower. What was the actual time she started reading the book ?



Ans : _____ p.m.

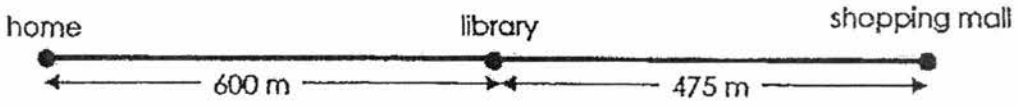
21. 3 children shared a cake. Simon ate $\frac{5}{12}$ of it, Ryan ate $\frac{1}{4}$ of it and Tom ate the rest. What fraction of the cake did Tom eat ? Give your answer in the **simplest form.**



Ans : _____

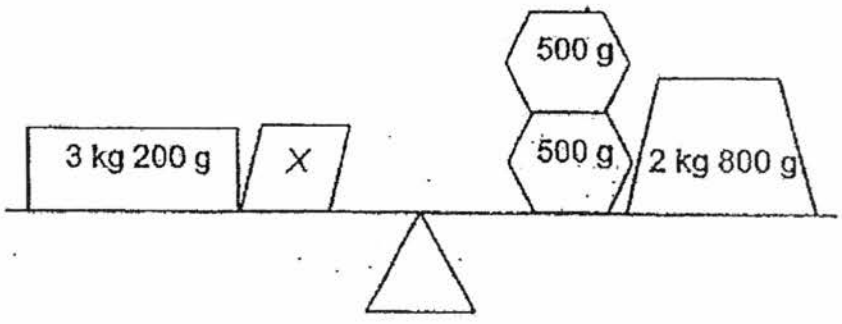
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22. Justin walked 600 m from his home to the library. Then, he walked another 475 m to the shopping mall. How far did he walk altogether ? (Give your answer in kilometres and metres)



Ans : ____ km ____ m

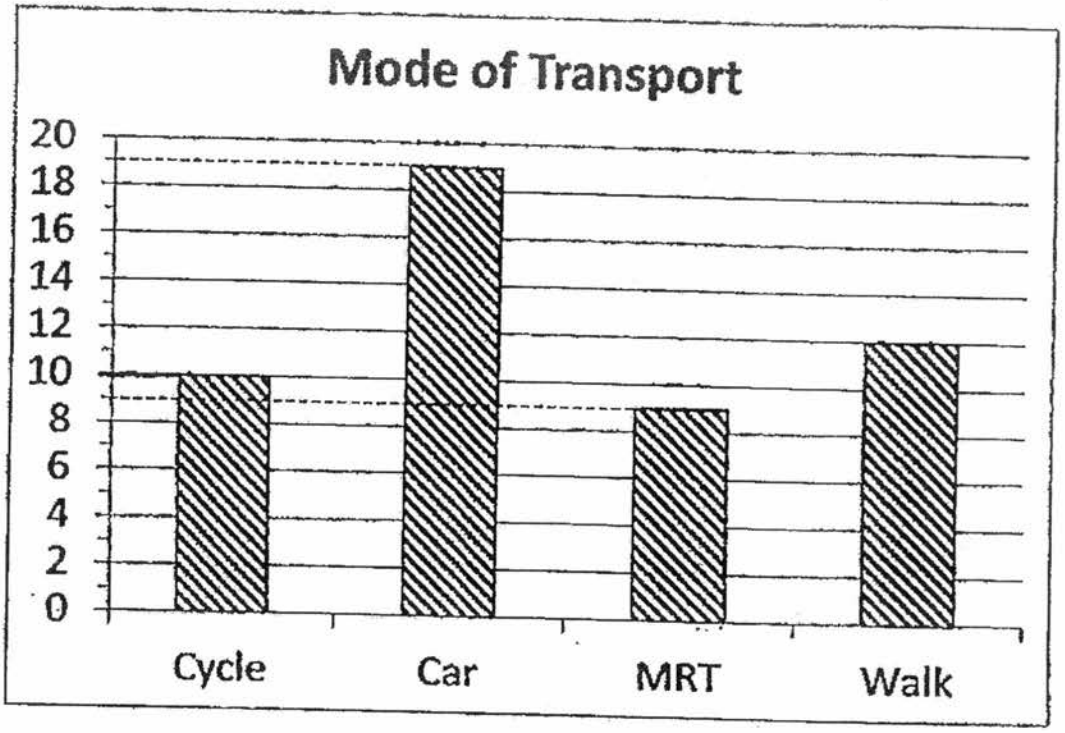
23. The diagram below shows a balance scale. Find the mass of X.



Ans : ____ g

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The graph below shows how students in Class 3M travel to school. Study the graph carefully and use it to answer questions 24 and 25.



24. How many students take the MRT to school ?

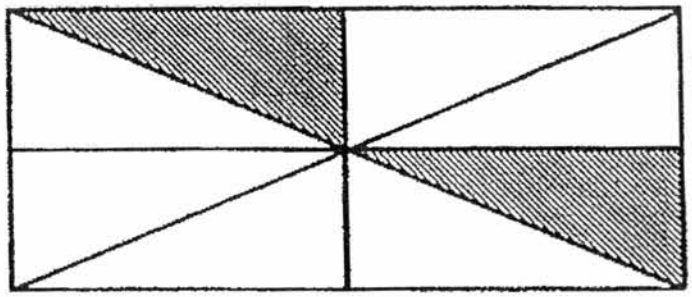
Ans: _____ students

25. How many **more** students travel to school by car than by walking ?

Ans : _____ more students

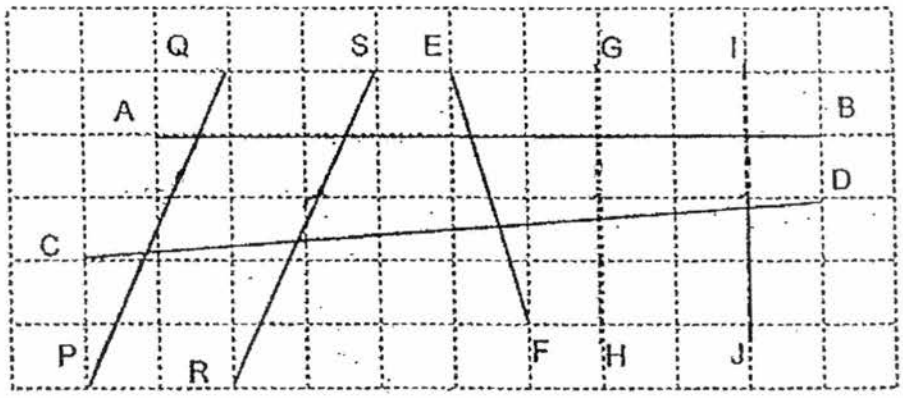
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26. How many **more** parts must be shaded so that $\frac{3}{4}$ of the whole figure becomes shaded?



Ans : ____ more parts

27. Look at the lines drawn on the grid below. How many **pairs** of parallel lines are there ?



Ans: ____ pairs

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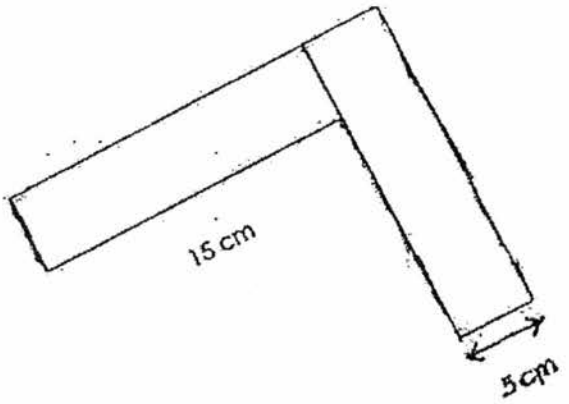
28. How many angles **inside** the figure below are greater than a right angle ?



Ans : ____ angles

29. The figure below is made up of two identical rectangles.

Find the perimeter of the figure.



Ans : ____ cm

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30.  represent 25.

How many  will represent 45?

Ans : _____

End of Booklet B

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PRIMARY 3 END-OF-YEAR EXAMINATION 2017

Name : _____ ( ) Date: 26 October 2017

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.

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Paper 2 (30 marks)

Each question carries 3 marks.

Show all your working and statements clearly.

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1. Nadya has 1198 buttons. She has 108 more buttons than Andrea. How many *buttons* do the two girls have altogether ?

Ans: _____

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2. Mr Ismail had 280 books. He gave 20 books to each of his 8 friends. He then packed the remaining books into a cupboard. How many books did he pack into the cupboard ?

Ans: _____

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3 For every 9 pencils bought, 3 erasers were given away free. Sean bought 108 pencils for his students. How many free erasers would he get ?

Ans: _____

4. The total length of String A, String B and String C is 676 cm. String A is three times the length of String B. String C is 39 cm shorter than String B. What is the length of String B ?

Ans: _____

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5. The total age of Dexter and his father is 65 years now. Dexter's father is 4 times as old as his son. How old will Dexter be in 2 years' time ?

Ans:_____

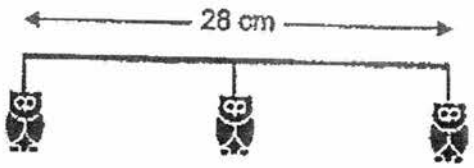
6. There were 600 people at the amusement park. Half of them were children. There were twice as many women as men. How many men were at the amusement park ?

Ans:_____

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7. The picture below shows a section of a party decoration.

All the owl balloons are placed at an equal distance apart.



The distance between the first owl balloon and the third owl balloon is 28 cm. What is the total distance between the first owl balloon and the sixth owl balloon ?

Ans: _____

8. Sam ate $\frac{5}{12}$ of a chocolate bar. Joe ate $\frac{1}{2}$ of the same bar.

What fraction of the chocolate bar was left ?

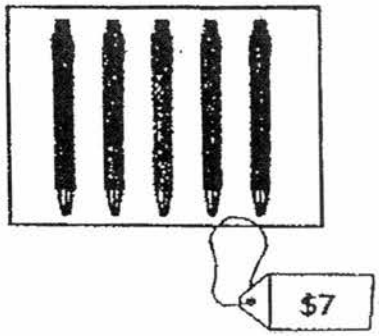
Ans: _____

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9. Pens are sold in boxes of 5. Each box costs $7. Peter has $43.

a) How many pens can he buy at most ?

b) How much money has he left ?



Ans: a)_____

b)_____

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10. Muthu had 10 coins and Sam had 14 coins. Their coins consisted of 10¢ coins and 20¢ coins. When all their 20¢ coins were exchanged for 10¢ coins, they would have a total of 28 coins. How many 20¢ coins did they have at first ?

Ans: _____

END OF PAPER

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EXAM PAPER 2017 (P3)

SCHOOL :TAO NAN

SUBJECT : MATHEMATICS

TERM : SA2

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

11)4260 12)8804 13)3057 14)5055 m 15)5 years old

16)126 cm 17)B 18)2 L 900 ml 19) ¾ 20)1:50 p.m.

21)1/3 22)1 km 75 m 23)600 g 24)9 students 25)7 more

26)4 27)2 pairs 28)6 angles 29)70 cm 30)9

Paper 2

1)1198 – 108 = 1090

1198 + 1090 = 2288

The two girls have 2288 buttons altogether.

2)8 x 20 = 160

280 – 160 = 120

Mr Ismail packed 120 books into the cupboard.

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3)108 ÷ 9 = 12

12 x 3 = 36

He would get 36 free erasers.

4)676 + 39 = 715

715 ÷ 5 = 143

The length of string B is 143 cm.

5)65 ÷ 5 = 13

13 + 2 = 15

Dexter would be 15 years' old in 2 years' time.

6)600 ÷ 2 = 300

300 ÷ 3 = 100

100 men were at the amusement park.

7)28 ÷ 2 = 14 (gap)

6 – 1 = 5 (interval)

5 x 14 = 70

The total distance between the first and sixth owl balloon.

8) ½ →6/12

6/12 + 5/12 = 11/12

12/12 – 11/12 = 1/12

1/12 of the chocolate bar was left.

9)$43 ÷ $7 = 6R1

6x 5 = 30

a)Peter can buy 30 pen at most.

b)Peter had $1 left.

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10)10 + 14 = 24

28 – 24 = 4

They had 4 20c coins at first.

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