403 / SA2 / 25

PRIMARY 4 END-OF-YEAR EXAMINATION 2015

Name : _____ ( ) Date: 29 October 2015

Class : Primary 4 ( ) Time: 8.00 a.m. - 9.15 a.m.

Parent's Signature : _____ Marks: _____ / 100

MATHEMATICS

PAPER 1

(Booklet A and Booklet B)

Time for Paper 1 is **1 hour 15 min.**

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**
Total for Paper 1	**60**

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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.

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1. In which of the following numbers does the digit 3 stand for 300?

   (1) 3560

   (2) 5360

   (3) 5603

   (4) 6530

2. Which of the following numbers when rounded off to the nearest ten becomes 24 500?

   (1) 24 445

   (2) 24 497

   (3) 24 508

   (4) 24 553

3. $6\frac{5}{8} = \frac{\square}{8}$

   What is the missing number in the box?

   (1) 30

   (2) 43

   (3) 48

   (4) 53

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4. Find the value of $\frac{9}{10} - \frac{2}{5}$

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

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

(3) $\frac{7}{10}$

(4) $\frac{11}{15}$

5. Express $\frac{29}{100}$ as a decimal.

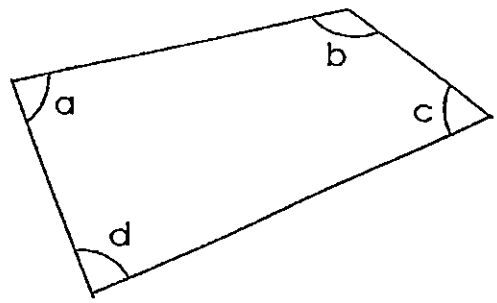
(1) 0.209

(2) 0.029

(3) 0.29

(4) 2.0

6. In the figure, which angle is greater than a right angle?



(1) ∠a

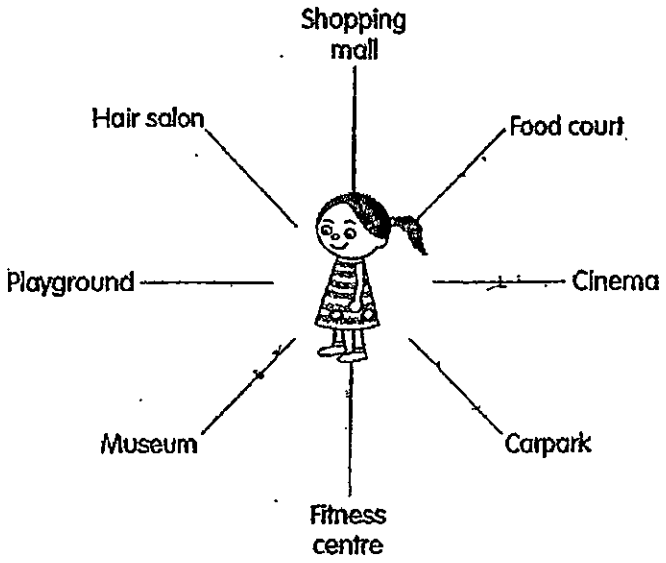
(2) ∠b

(3) ∠c

(4) ∠d

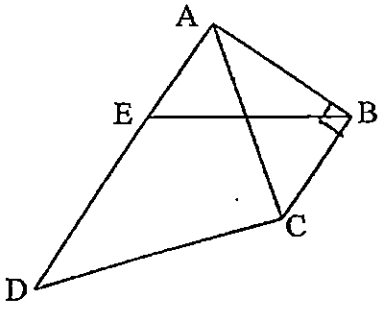
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7. Ariel is facing the playground. She turns 225° anti-clockwise. Where is she facing now?



(1) Cinema
(2) Carpark
(3) Food court
(4) Fitness centre

8. One of the lines in the figure is perpendicular to BC. Which line is perpendicular to BC?



(1) AB
(2) AD
(3) BE
(4) DC

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9. There are 12 lollipops in a packet and 9 pieces of chocolates in a box. Jenna wants to buy an equal number of lollipops and chocolates. How many boxes of chocolates must she buy?

(1) 36
(2) 21
(3) 3
(4) 4

10. Mr Muthu bought 3 kg of flour. He used 750 g of it and stored the remainder equally into 5 containers. How much flour was in each container?

(1) 250 g
(2) 450 g
(3) 470 g
(4) 750 g

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Tao Nan School
Primary 4 Mathematics End-of-Year Examination 2015

Paper 1 (Booklet B)

Each question carries 2 marks. Write your answers in the boxes provided. For questions which require units, give your answers in the units stated.

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11. Write the missing number in the number pattern below.

13 200, 12 400, 11 600, _____, 10 000

12. What is the remainder when 1496 is divided by 6?

13. How many one-ninths are there in 4 wholes?

14. Find the value of $\frac{3}{10} + \frac{19}{100}$.

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15. Write 5 tenths as a decimal.

16. Arrange the following numbers in order from the greatest to the smallest.

0.056 , 0.605 , 0.506

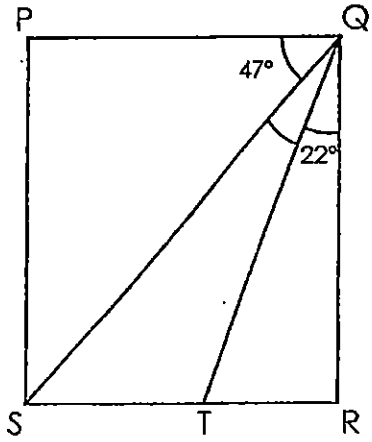
(greatest) , , (smallest)

17. 7.2 – 0.48 = _____ .

18. Find the value of 4.69 x 8.

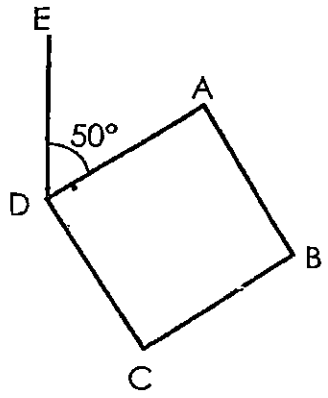
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19. In the figure shown, PQRS is a rectangle. Find $\angle SQT$.



°

20. In the figure, ABCD is a square and $\angle ADE$ is 50°. Find $\angle EDC$.



°

21. Mr Chan spent $\frac{1}{4}$ of his salary on food and another $\frac{1}{8}$ of it on transport. What fraction of his salary was not spent?

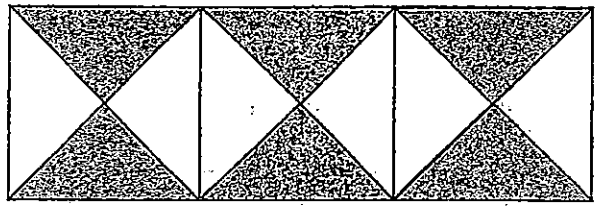
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22. Peter thinks of a number which is between 34 and 46.
When it is divided by 5, he gets a remainder of 4.
When it is divided by 9, he gets a remainder of 3.
What is the number?



23. A florist arranged 6138 flowers equally into 6 bouquets. After selling 4 bouquets, how many flowers had she left?

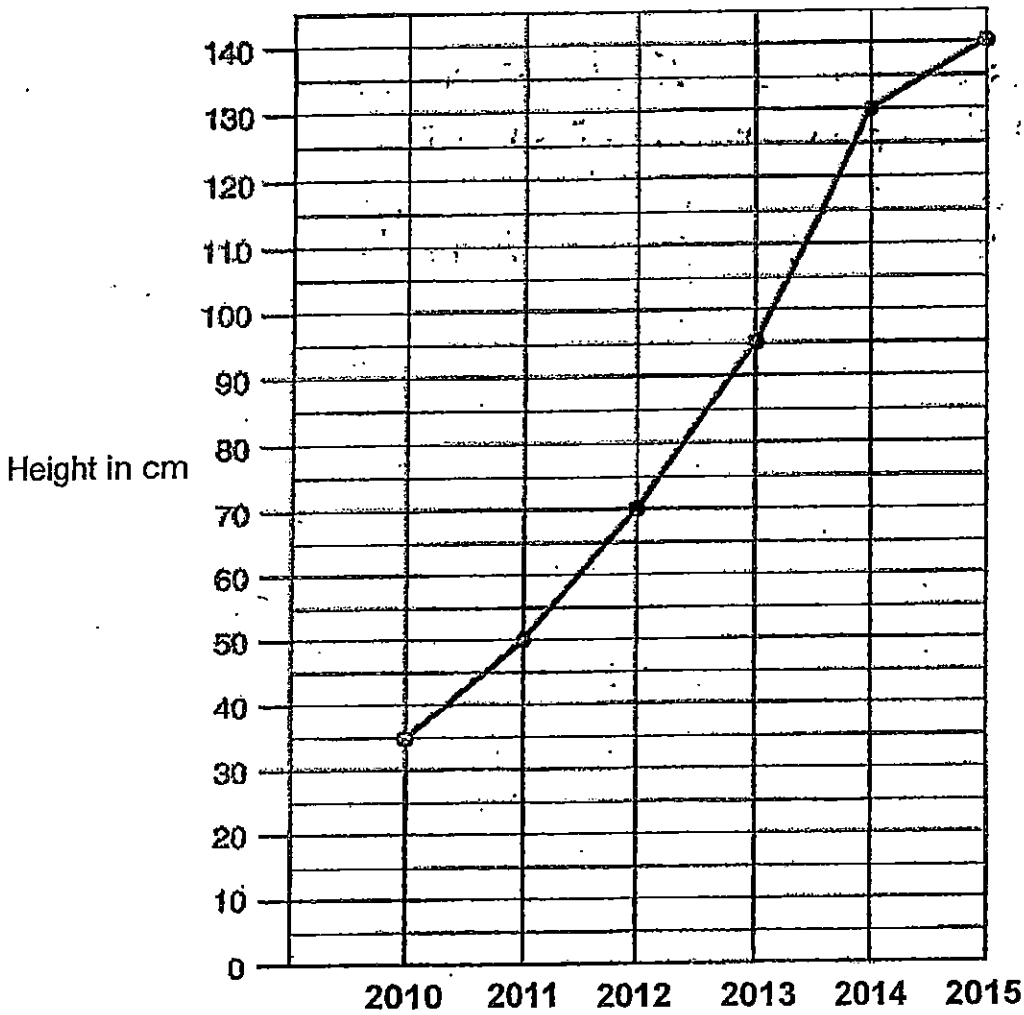
24. The diagram below is divided into 12 identical triangles. Ryan had shaded some triangles. He needs to shade $\frac{3}{4}$ of the diagram.
How many more triangles must he shade?



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Use the bar graph below to answer **questions 25 to 26.**

The line graph below shows the height of a plant measured in January of each year from 2010 to 2015. Study it carefully and answer the following questions.



25. During which one-year interval was the increase in the height of the plant the greatest?

to

26. In 2015, the plant's height was twice its height in _____?

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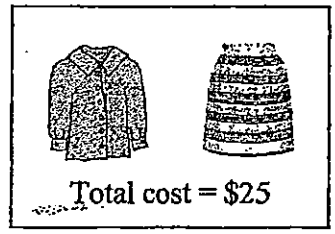
27. Two small identical cushions cost $8. Two big identical cushions and 4 small identical cushions cost $26. Find the cost of each big cushion.



$

28. Mrs Sim bought 56 stalks of roses. $\frac{3}{7}$ of them were pink and the rest were white. How many roses were white?

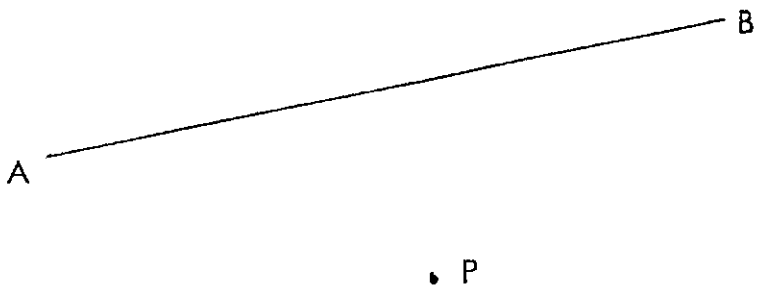
29. A blouse and a skirt cost $25. Rita bought 5 blouses and 4 skirts. She spent $110 altogether. How much does a blouse cost?



$

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30. Draw a line perpendicular to AB and passes through the point P.



End of Paper 1

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PRIMARY 4 END-OF-YEAR EXAMINATION 2015

Name : _____ ( ) Date: 29 October 2015

Class : Primary 4 ( ) Time: 10.30 a.m. - 11.30 a.m.

Parent's Signature : _____ Marks: _____ / 40

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

1. Mrs Tan bought some tarts for her friends. $\frac{1}{2}$ of them were blueberry tarts. The rest were pineapple tarts. She bought 30 blueberry tarts.

   a) How many tarts did she buy in all?

   b) Mrs Tan packed all the tarts equally into 5 boxes. How many tarts were there in each box?

Ans: a) _____

b) _____

2. A rope 49.5 m long is cut into two pieces. One piece is 5 times as long as the other. Find the length of the longer piece in metres.
   (Round off your answer to 1 decimal place.)

Ans: _____

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3. Guoyang had 3 times as much money as Ziming. After Guoyang had given Ziming $68.50, Ziming had 3 times as much money as Guoyang.

(a) How much money did Ziming have at first?

(b) How much money did they have altogether?

Ans: a) _____

b) _____

---

4. Mother is 29 years older than Benny. Mother is 5 years younger than Father. Their total age is 87 years. How old is Mother?

Ans: _____

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5. Fatimah had the exact amount of money to buy 7 scarves of the same price. However, she bought only 4 scarves and had $144 left.

(a) What was the cost of 1 scarf?

(b) How much money did she have at first?

Ans: a) _____

b) _____

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6. A box with 12 similar packets of biscuits weighs 3.85 kg. The mass of 2 packets of biscuits is 0.6 kg. Find the mass of the box with 8 packets of biscuits. (Give your answer in kilograms.)

Ans: _____

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7. The table below shows the prices of Cola drink which were sold in 2 shops.

Shop A	**$1.60 per pack of 3 cans**
Shop B	**$3.10 per pack of 6 cans**

Mandy bought 18 cans of Cola drink from Shop A. Barney bought the same number of cans of Cola drink from Shop B.

(a) Who spent more money to buy the drinks?

(b) How much more money was spent?

Ans: a) _____

b) _____

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8. Ali had some stickers. He gave $\frac{5}{8}$ of them to his sister and half of the remainder to his brother. He then had 1038 stickers left. How many stickers did he have at first?

Ans: _____

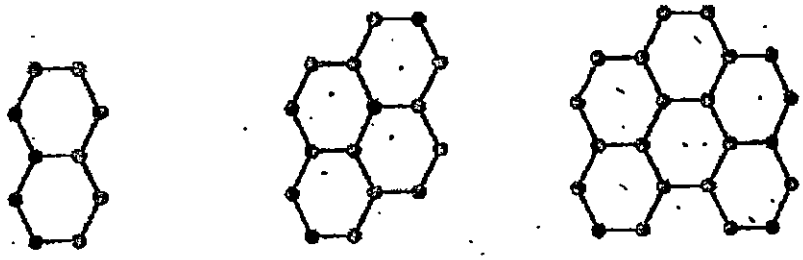
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9. Rena bought some lollipops. If she gives 8 lollipops to each friend, she would have 7 lollipops remaining. If she gives 9 lollipops to each friend, she would have 1 lollipop remaining. How many friends did Rena have?

Ans: _____

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10. Study the pattern shown below.



Pattern 1 **Pattern 2** **Pattern 3**

a) Find the number of dots in Pattern 9. (1 mark)

Pattern Number	Number of Dots
1	10
2	16
3	22
9	?

b) How many hexagons (⬡) are there in Pattern 10? (1 mark)

c) Which pattern will have 106 dots? (2 marks)

Ans: a) _____

b) _____

c) _____

End of Paper 2

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EXAM PAPER 2015
LEVEL : PRIMARY 4
SCHOOL : TAO NAN SCHOOL
SUBJECT : MATHEMATICS
TERM : SA2

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

Q11. 10800 Q12. 2 Q13. 36 Q14. $\frac{49}{100}$

Q15. 0.5 Q16. 0.605, 0.506, 0.056

Q17. 672 Q18. 37.52 Q19. 21° 90-47=43, 43-22=21

Q20. 140°→ 90 +50=140 Q21. ⅝→ ¼=$\frac{2}{8}$, $1-\frac{2}{8}-\frac{1}{8}=\frac{5}{8}$

Q22. 39
Multiples of 5 : 35,40,45 → plus 4: **39**,44,49
Multiples of 9 : 36, 45, → plus 3 : **39**, 48

Q23. 2046 →6138÷6=1023,6 – 4 = 2, 1023 x 2 =2046

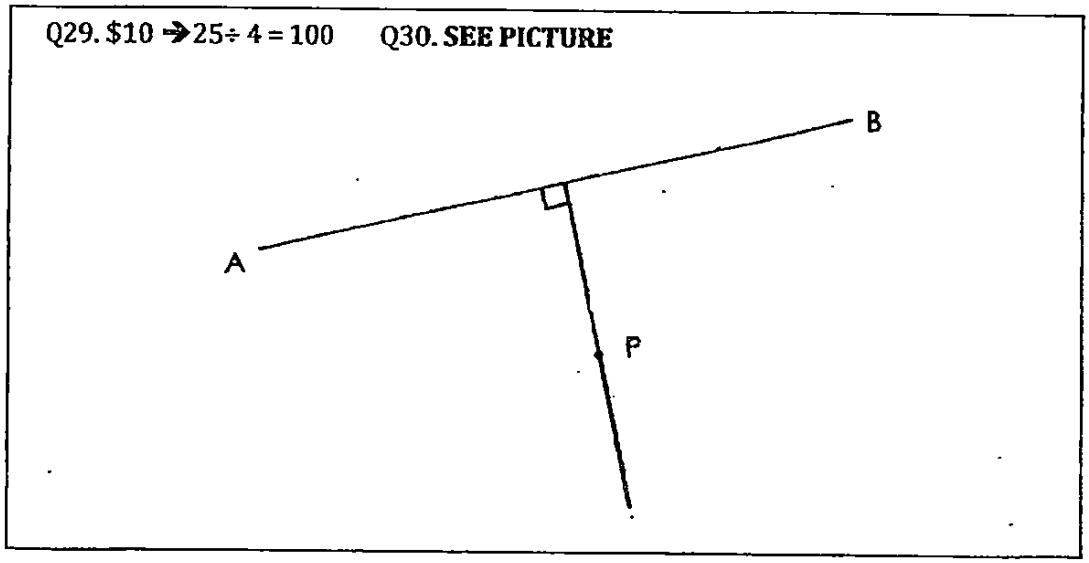
Q24. 3 →¾ x 12 = 12, 12÷4=3, 3 x 3 = 9, 9 – 6 = 3

Q25. 2013 to 2014 Q26. 2012

Q27. $5
1 small cushion : $4
2 small cushions : $8
4 small cushions : $16
2 big cushions : $10
1 big cushion : $5

Q28. 32 → 56÷7=8, 7 – 3 =4, 8 x 4 = 32

Q29. $10 →25÷ 4 = 100 Q30. **SEE PICTURE**



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Q1a. 60 ➔30 x 2 =60 Q1b. 12 ➔ 60÷5=12

Q2. 41.3m➔ 49.5÷6=8.25, 8.25x5=41.25, 41.25 ≈41.3m

Q3a. $34.25 ➔68.50÷2=34.25. Q3b. $137 ➔34.25 x 2 = 137

Q4. 37 years old ➔29 x 2 =58, 58+5=63, 87 – 63=24, 24÷3=8, 8+29=37

Q5a. $48 ➔7-4=3, $144÷3=48 Q5b. $336➔ $48 x 4 =192, 192 + 144=336

Q6. 2.65kg➔ 0.6 x 6 = 3.6, 3.85 -3.6=0.25, 0.6 x4=2.4, 2.4 +0.25 = 2.65

Q7a. Mandy
18 ÷ 3=6, 1.60 x 6 = 9.60 (Mandy)
18 ÷ 6=3, 3.10 x 3 = 9.30 (Barney)

Q7b. $0.30 ➔9.60 – 9.30 = 0.30

Q8. 5536 1038 ÷ 3 = 346, 346 X 16 = 5536

Q9. 6

No. of friends	1	2	3	4	5	**6**
Multiples of 8	8	16	24	32	40	48
Plus 7	15	23	31	39	47	**55**
Multiples of 9	9	18	27	36	45	54
Plus 1	10	19	28	37	46	**55**

Q10a. 58 ➔9 x 6 = 54, 54 + 4 = 58.

Q10b. 20➔ 10 x 2 = 20

Q10c. 17 ➔106 – 4 = 102, 102 ÷6 = 17

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