

SA1



PRIMARY 4 MID-YEAR EXAMINATION 2015

Name : _____ () Date: 18 May 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 and 15 minutes**.

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

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)

1. What is the value of 7 in 78 932?
 - (1) 70
 - (2) 700
 - (3) 7 000
 - (4) 70 000

2. A number when rounded to the nearest hundred is 30 000. Which of the following is that number?
 - (1) 28 950
 - (2) 29 300
 - (3) 29 990
 - (4) 30 980

3. Find the product of 65 and 40.
 - (1) 2 600
 - (2) 2 420
 - (3) 440
 - (4) 249

4. What is the remainder when 289 is divided by 7?

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

5. Which of the following sets of numbers has 4 as a common factor?

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

6. Keith is facing South-East. After he turns 90° anticlockwise, in which direction will he face?

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



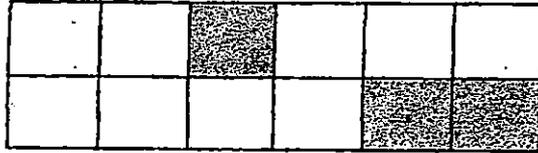
7. $3\frac{5}{6} = 4\frac{1}{6} - \frac{\square}{6}$

What is the missing number?

- (1) 1
- (2) 2
- (3) 3
- (4) 4

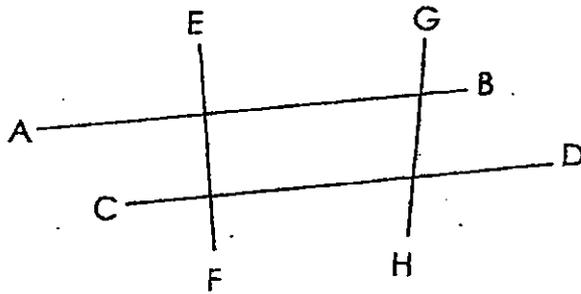
8. A rectangle is divided into 12 equal parts. How many more parts must be shaded so that $\frac{1}{3}$ of the figure remains unshaded?

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



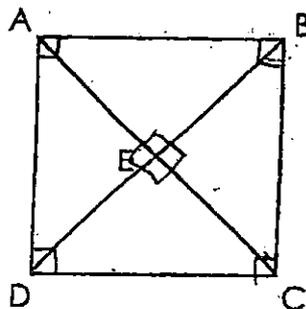
9. How many pairs of perpendicular lines are there in the figure?

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



10. How many right angles are there in the square?

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



Paper 1 (Booklet B)

Short Answer Questions

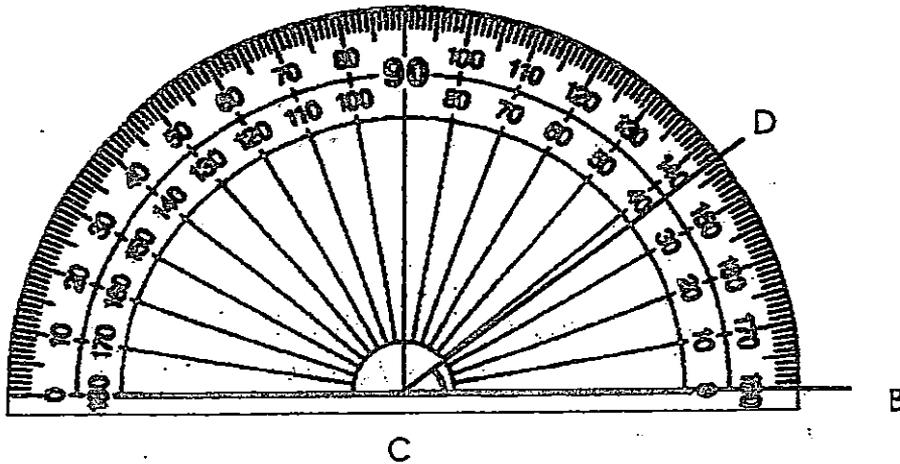
Write your answers in the boxes provided. For questions which require units, give your answers in the units stated. Questions 1.1 to 30 carry 2 marks each. (40 marks)

11. Use the digits in the boxes below to form the **smallest 4-digit odd** number. Each digit can be used only once.

5	2	7	0
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12. Write 93 044 in words.
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13. Find $\angle BCD$.



14. Draw a line parallel to UV. The line must pass through W.



15. What is the sum of all the **odd** numbers from 40 to 50?

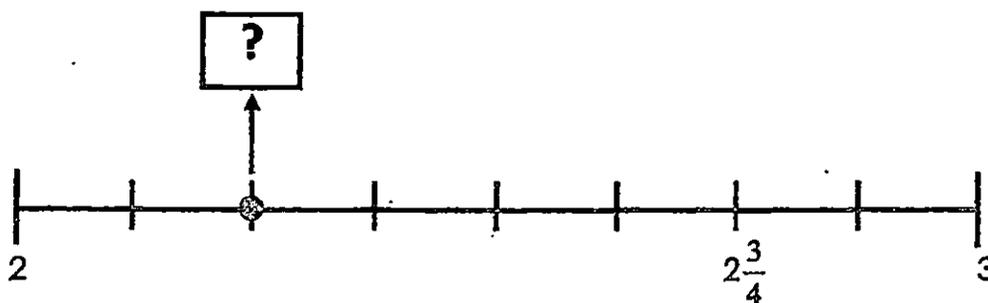
16. What is the missing number in the number pattern below?

2 304 , 2 404 , 2 604 , , 3 304, 3 804

17. Kelly spent $\frac{2}{5}$ of her money on food. She has \$45 left. How much money did she spend on food?

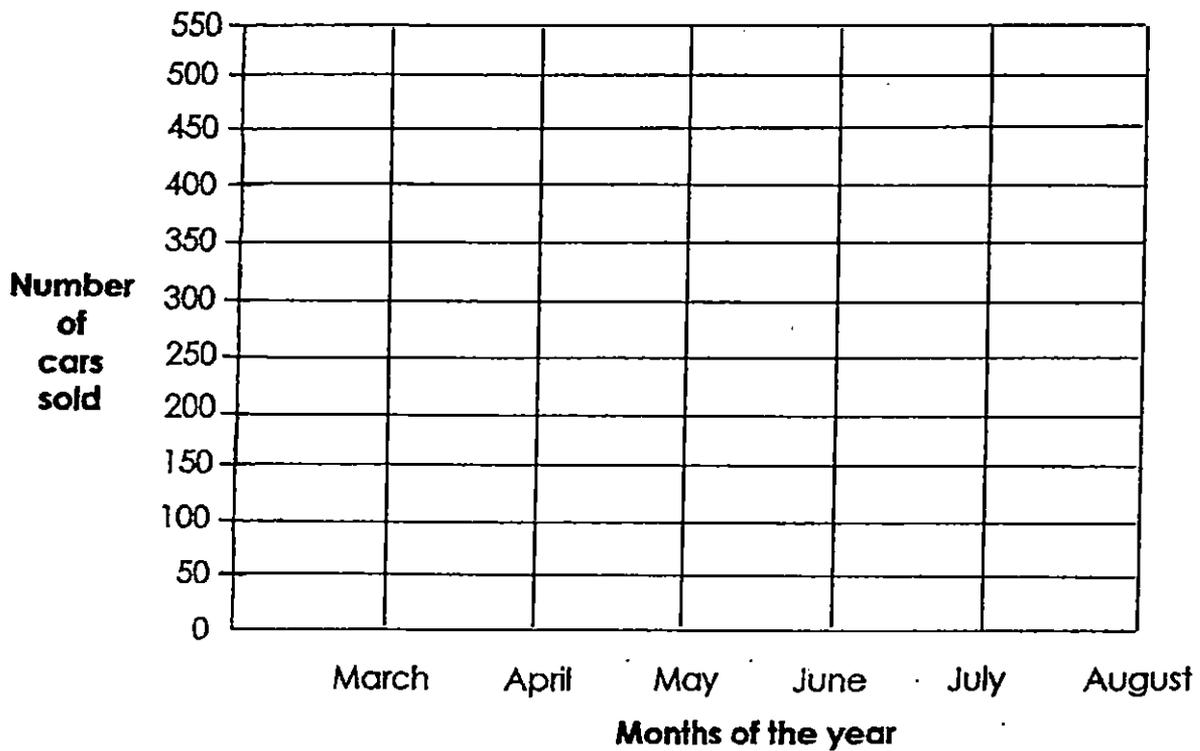
18. Find the value of 72×8 .

19. What is the missing fraction? Express your answer as a mixed number in its simplest form.



Study the graph carefully and answer questions 20 and 21.

The line graph below shows the number of cars sold each month.



20. During which one-month interval was the decrease in car sales the greatest?

From _____ to _____

21. The number of cars sold in June is the same as the total number of cars sold in _____ and _____.

_____ and _____

22.

$$\square \times \square = 36$$

$$\square + \text{cylinder} + \text{cylinder} = 28$$

Find the value of



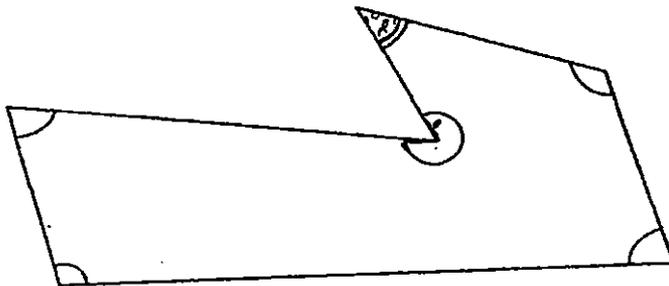
23. How many eighths are there in $5\frac{3}{8}$?

24. $\frac{2}{5}$ of a number is 24. What is the number?

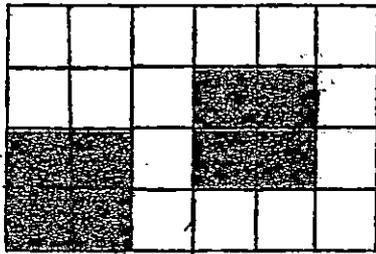
25. David has 36 cards more than Lily. Lily gives David 9 cards. How many more cards will David have than Lily?

26. Mrs Tan bought 12 boxes of balloons for her pupils. Each box contained 10 balloons. She gave each pupil 4 balloons. How many pupils were there in her class?

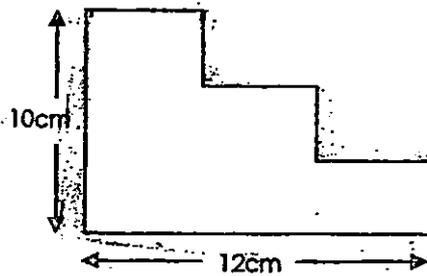
27. Look at the figure. How many angles inside the figure are less than 90° ?



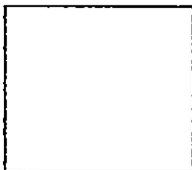
28. The figure below is made up of squares. What fraction of the figure is shaded? Express your answer in its simplest form.



29. Find the perimeter of the figure.



30. The perimeter of a square is 36 cm. What is its area?



End of Paper 1



PRIMARY 4 MID-YEAR EXAMINATION 2015

Name : _____

Date: 18 May 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.

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. Mark had \$30 less than Ben. Tim had \$50. The three boys had \$220, how much did Ben have?

Ans: _____

2. Devi gave the cashier \$250 for a camera and a thumbdrive. The camera cost 4 times as much as the thumbdrive.
- a) What was the cost of the thumbdrive?
 - b) What was the cost of the camera?

Ans: _____

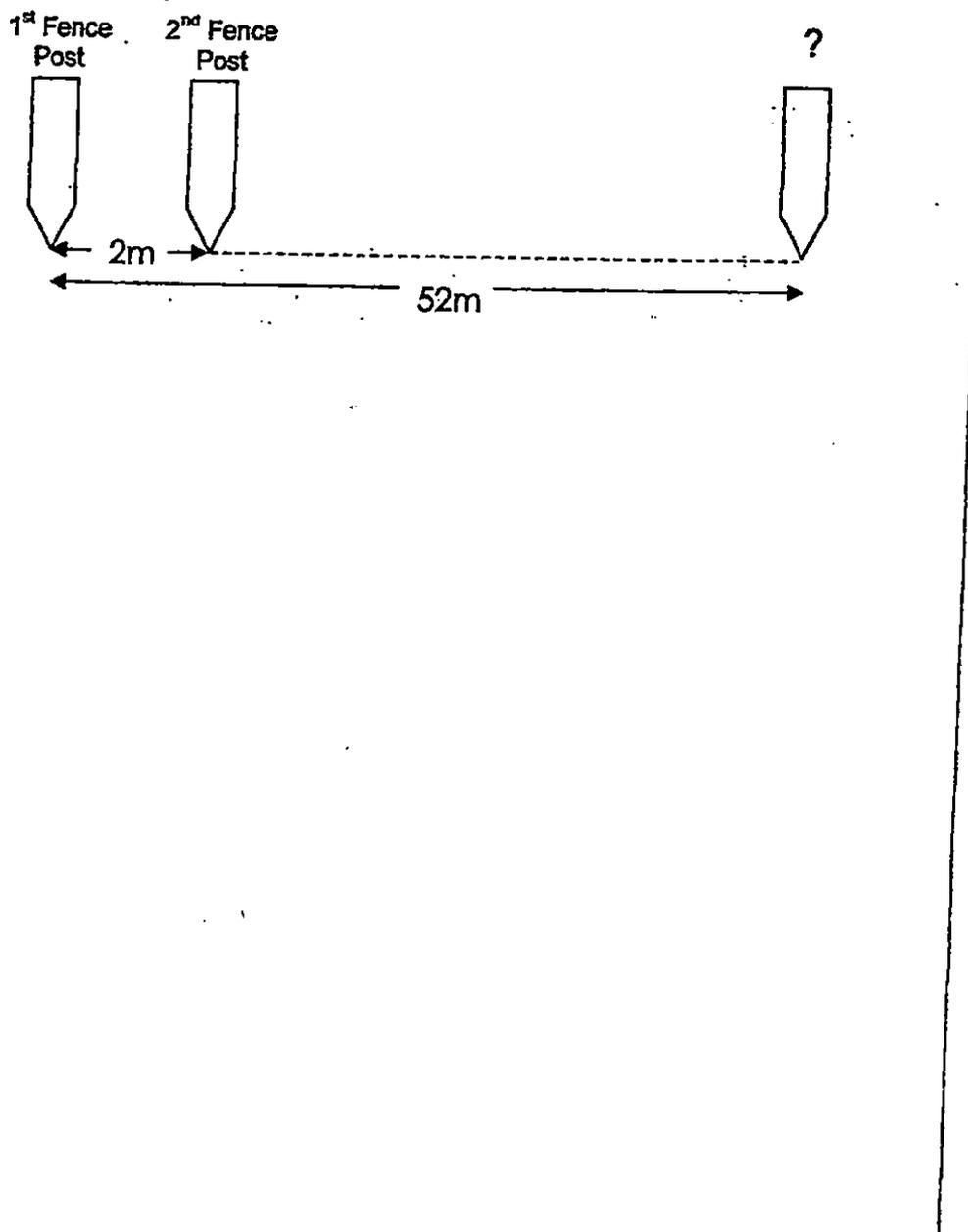
3. John is 24 years older than his son. In 6 years' time, John will be 4 times as old as his son. How old is his son now?

Ans: _____

4. Mr Tan bought a toy train for \$36. He paid the exact amount in \$10-notes and \$2-notes. He gave the shopkeeper 10 notes in all. How many \$10-notes did Mr Tan give the shopkeeper?

Ans: _____

5. Wooden posts were placed 2m apart along a 52m path.
- a) How many posts were used?
 - b) What was the distance between the first and the fifth posts?



Ans: a) _____

b) _____

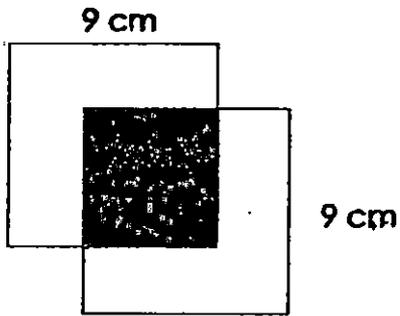
6. Aisha bought 3 blouses and 2 dresses. A blouse cost half as much as a dress. She spent \$210 in total. Find the cost of a dress.

A blouse

A dress

Ans: _____

7. The figure is made up of two identical overlapping squares. The overlapped area is a square of side 7cm. Find the area of the unshaded parts.



Ans: _____

8. Mrs Lim had 240 eggs. She threw away $\frac{1}{3}$ of them which were rotten and sold $\frac{7}{8}$ of the good eggs. How many eggs did she have left?

Ans: _____

9. A crate of oranges weighs 6300g. When it is $\frac{1}{3}$ full, its mass is 2300g.

What is the mass of the crate when it is empty?

crate			
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Ans: _____

10. Raja gave some sweets to his friends. If each of them received 3 sweets, he would have 7 sweets left. If each of them received 4 sweets, he would be short of 3 sweets. How many sweets did Raja have?

Ans: _____

End of Paper 2



EXAM PAPER 2015

LEVEL : PRIMARY 4
SCHOOL : TAO NAN SCHOOL
SUBJECT : MATHEMATICS
TERM : SA1

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

Q11. 2057 Q12. Ninety three thousand and forty four

Q13. 37° Q14. **SEE PICTURE** Q15. $225 \rightarrow 41+43+47+49=225$

Q16. 2904 \rightarrow Q17. \$30 Q18. $576 \div 72 \times 8 = 576$ Q19. $2\frac{1}{4}$.

Q20. From June to July Q21. May to July Q22. $11 \rightarrow 11+11=22, 22+6=28$

Q23. 43 Q24. 60 Q25. $54 \rightarrow 36+18=54$ Q26. $30 \div 120 \div 4 = 30$

Q27. 3 Q28. $\frac{1}{3} \rightarrow \frac{8}{24} = \frac{2}{6} = \frac{1}{3}$ Q29. 44cm Q30. 81cm^2

Q1. $\$100 \rightarrow \$220 - \$50 = \$170, \$170 - \$30 = \$140, \$140 \div 2 = \$70, \$70 + \$30 = \100

Q2a. $\$50 \rightarrow \$250 \div 5 = \$50$ Q2b. $\$200 \rightarrow \$50 \times 4 = \$200$

Q3. 2 years old \rightarrow age difference $\rightarrow 24, 24 \div 3 = 8, 8 - 6 = 2$

Q4. 2 \rightarrow Number of \$2 notes $\times 8$, Number of \$10 = \$20; $\$20 + \$16 = \$36$.

Q5a. 27 $\rightarrow 52 \div 2 = 26, 26 + 1 = 27$. Q5b. 8m $\rightarrow 5 - 1 = 4, 4 \times 2 = 8$

Q6. $\$60 \rightarrow \$210 \div 7 = \$30, \$30 \times 2 = \$60$

Q7. $64\text{cm}^2 \rightarrow 7 \times 7 = 49, 9 \times 9 = 81, 81 - 49 = 32, 32 \times 2 = 64$

Q8. 20 $\rightarrow 240 \div 12 = 20, 7 + 4 = 11, 20 \times 11 = 220, 240 - 220 = 20$

Q9. 300g $\rightarrow 6300 - 2300 = 4000, 4000 \div 2 = 2000, 2300 - 2000 = 300$

Q10. 37 \rightarrow multiples of 3 + 7, multiples of 4 - 3

