

Name: _____ ()

Class : Primary 4 _____

Primary 4 Mathematics

2017 SA1 Revision (LA1)

Set A

Booklet A

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

This booklet consists of 11 printed pages including the cover pages.

Section A: (20 x 2 marks)

For each question, four options are given. One of the options is the correct answer. Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. Please use only 2B pencil and SHADE the oval completely.

1. Twenty-two thousand and nineteen in numerals is _____.

- 1) 2219
- 2) 22 019
- 3) 22 190
- 4) 22 910

2. 64 thousands and 7 tens is the same as _____.

- 1) 647
- 2) 6470
- 3) 64 070
- 4) 64 700

3. The difference between the total value of the digit 3 and 8 in 40 382 is _____.

- 1) 220
- 2) 292
- 3) 2200
- 4) 2992

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

63 650, , 64 250, 64 550, 64 850

- 1) 63 850
- 2) 63 950
- 3) 64 050
- 4) 64 150

5. Which of the following numbers when rounded ~~off~~ to the nearest ten becomes 75 000?

- 1) 74 935
- 2) 74 995
- 3) 75 094
- 4) 75 134

6. Which one of the following has the least number of factors?

- 1) 9
- 2) 12)
- 3) 13
- 4) 18

7. Which of the following is **not** a multiple of both 4 and 6?

1) 24

2) 36

3) 60

4) 78

8. Find the product of 3864 and 7.

1) 27 048

2) 27 044

3) 25 588

4) 21 628

9. Between the numbers 23 and 33, how many times does the digit 2 appear?

1) 7

2) 8

3) 10

4) 20

10. What is the missing number in the box?

$$3807 \div 3 = \boxed{}$$

- 1) 126
- 2) 129
- 3) 1268
- 4) 1269

11. When a number is divided by 4, the quotient is 616 and the remainder is 1. What is the number?

- 1) 104
- 2) 154
- 3) 2464
- 4) 2465

12. A number, when rounded off to the nearest hundred, is 4200. What is the **greatest** possible value of this number?

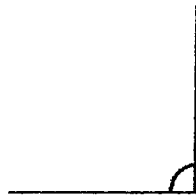
- 1) 4149
- 2) 4193
- 3) 4249
- 4) 4257

13. Which angle is the closest estimate to 165° ?

(1)



(2)



(3)

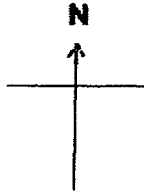


(4)



14. George is facing north-west. He turns 225° anti-clockwise.

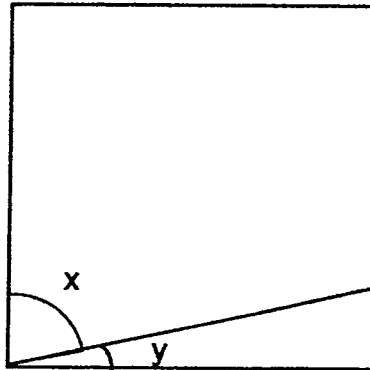
Which direction will he be facing?



- 1) North
 - 2) South
 - 3) East
 - 4) West
15. The difference between two numbers is 40. The sum of these two numbers is 100.
What is the value of the smaller number?

- 1) 30
- 2) 60
- 3) 70
- 4) 140

16. ABCD is a square. $\angle x$ is 75° . Find the difference between $\angle x$ and $\angle y$.



- 1) 15°
- 2) 30°
- 3) 45°
- 4) 60°

17. A $\frac{3}{4}$ turn is _____ $^\circ$.

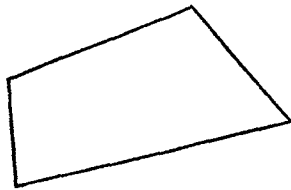
- 1) 90
- 2) 180
- 3) 270
- 4) 360

18. Which of the following figures shows a rectangle?

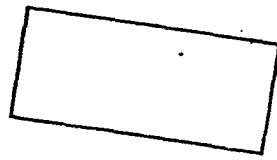
1)



2)



3)

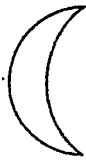


4)



19. Which of the following is **not** a symmetrical figure?

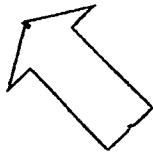
1)



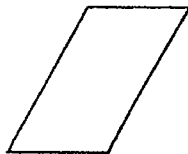
2)



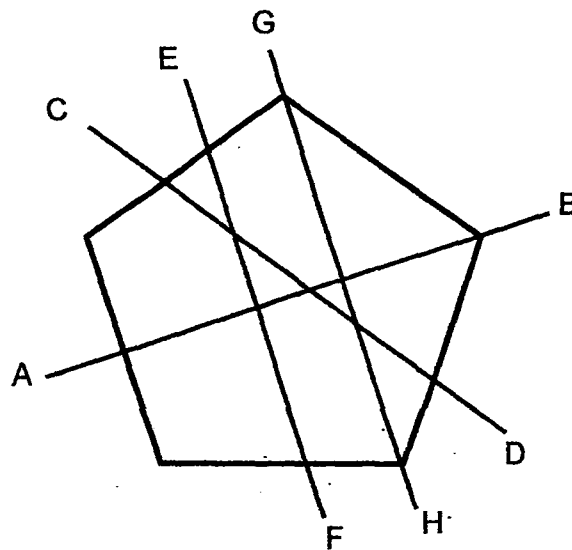
3)



4)



20. Study the figure below. All the sides of the five-sided figures are equal. Which is the correct line of symmetry?



- 1) AB
- 2) CD
- 3) EF
- 4) GH

- END OF BOOKLET A -

Name: _____ ()

Class : Primary 4, _____

Primary 4 Mathematics

2017 SA1 Revision

Set A

Booklet B

Booklet A :	/ 40
Booklet B :	/ 60
Total :	/ 100

Parent's/Guardian's Signature

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

Section B: (20 x 2 marks)Do not
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this space

Write down your answers in the spaces provided. For questions which require units, give your answers in the units stated. Show all workings clearly.

21. $3009 - 542 =$

Ans : _____

22. Use the following cards below to form the smallest 4-digit odd number. Each card can only be used once.

7	0	6	2
---	---	---	---

Ans : _____

23. Melissa used 86 beads to string a necklace. How many beads did she use to string 20 similar necklaces?

Ans : _____



24. What is the sum of the 5th multiple of 6 and the 3rd multiple of 8?

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Ans : _____

25. A number is a common factor of 21 and 28. The number is more than 5. What is the number?

Ans : _____

26. 40 children attending a birthday party were made to queue up in a single file when entering the function room. Every 4th pupil in the queue received a pencil and every 6th pupil in the queue received an eraser. How many pupils received both a pencil and an eraser?

Ans : _____



27. Mary spends \$1395 each month. Sumithi spends 6 times as much as Mary. How much do Sumithi and Mary spend altogether each month?

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Ans : \$ _____

28. What is the remainder when 6053 is divided by 8?

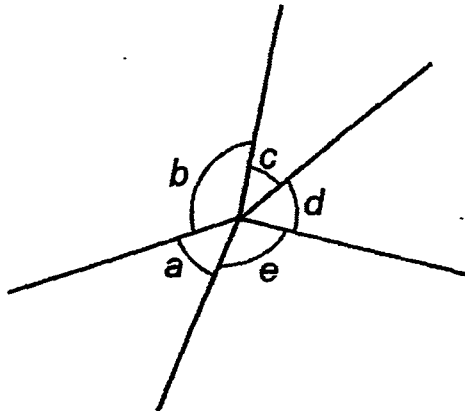
Ans : _____

29. Shannon has 182 sweets. She packs them into party bags to distribute to her friends. Each party bag can hold at most 5 sweets. What is the least number of party bags needed for her to pack all the sweets?

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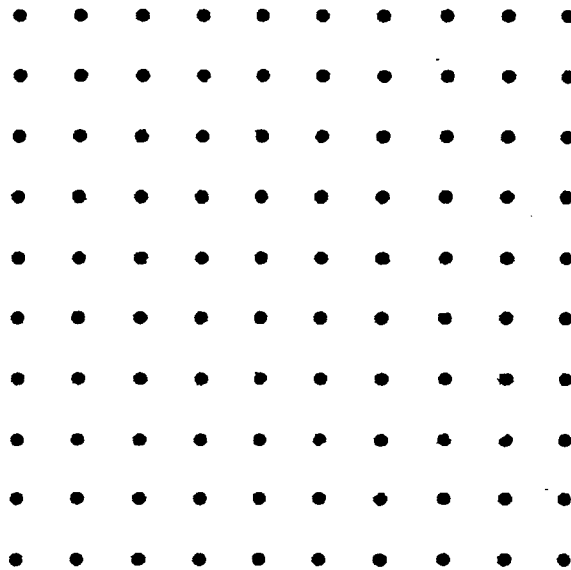
Ans : _____

30. In the figure, name the two angles that are greater than 90°



Ans : $\angle$ _____ and $\angle$ _____

31. Complete the drawing of a rectangle using the dotted grid below.



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32. 3 soft toys cost \$8. Mdm Ang bought 42 soft toys for her students. How much did she pay altogether?

Ans : _____

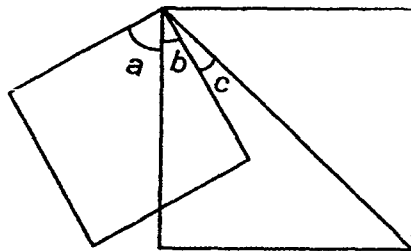


33. Ben has 3 286 guppies and Charles has 1 052 guppies. How many guppies must Ben give to Charles so that they will have the same number of guppies?

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Ans : _____

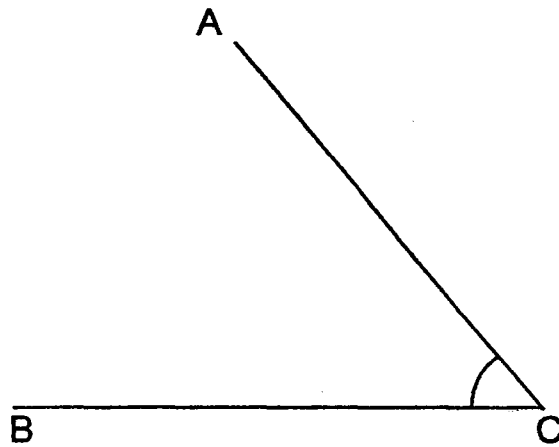
34. The figure below is not drawn to scale. It is made up of 2 squares. $\angle a$ is twice of $\angle b$. Find $\angle c$.



Ans : _____ °



35. Measure and write down the size of $\angle ACB$.



Ans : _____°

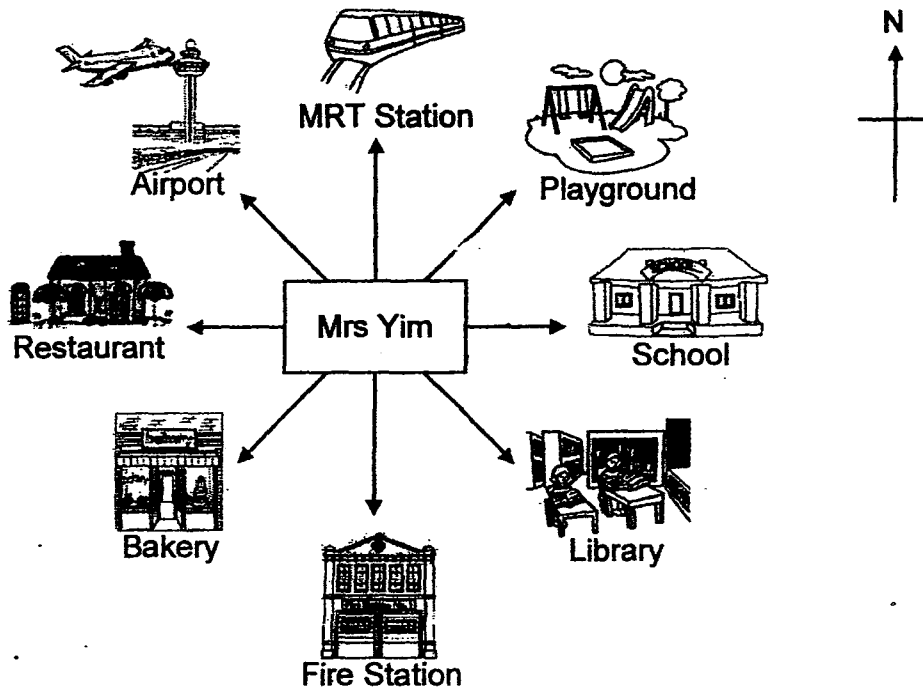
36. Complete $\angle PQR = 95^\circ$ with the given line QR. Mark and label the angle.



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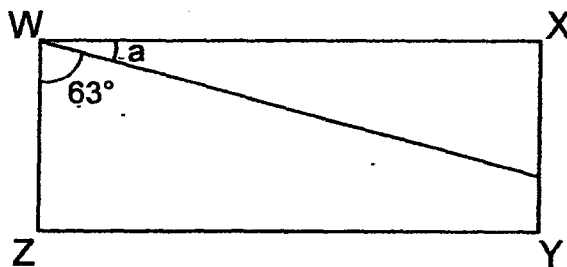
37. Mrs Yim was facing north. She turned 225° clockwise. Which place would she be facing?

Do not write in this space



Ans : _____

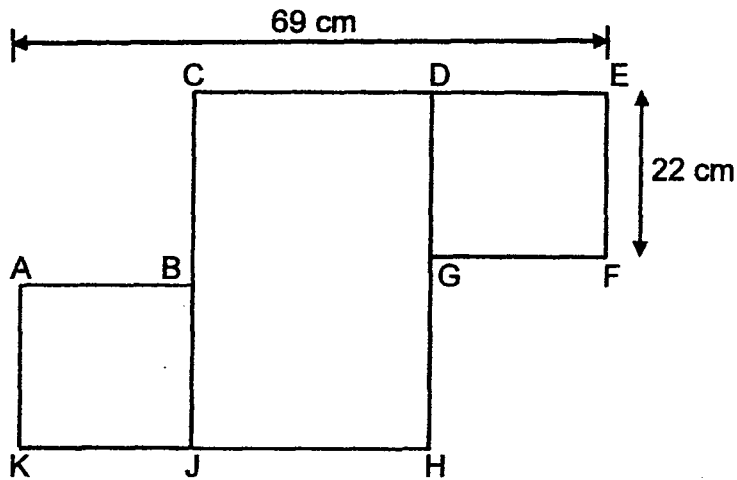
38. In the figure, WXYZ is a rectangle. Find $\angle a$.



Ans : _____^o

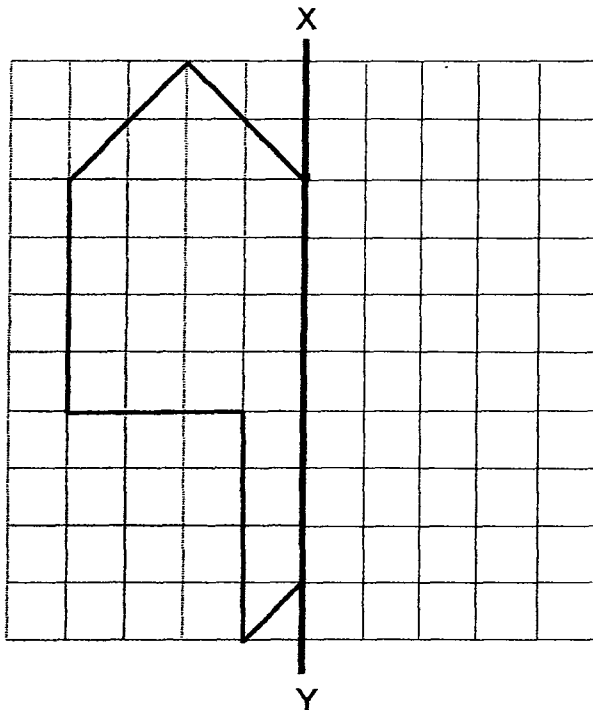
39. The figure below, not drawn to scale, is made up of 2 similar squares, $ABJK$ and $DEFG$, and a rectangle $CDHJ$. Find the length of JH .

Do not write in this space



Ans : _____ cm

40. XY is the line of symmetry. Complete the symmetric figure on the square grid below.



Section C: (20 marks)

Do not
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this space

Solve the following problems. All mathematical working and statements must be shown clearly.

41. Bianca had twice as many buttons as Candice at first. After Bianca bought another 40 buttons, she had 7 times as many buttons as Candice. How many buttons did Bianca have at first?

Ans : _____ . [3]

42. Mei Qin bought 36 boxes of oranges to sell at a carnival. Each box contained 120 oranges. She sold 2453 oranges in the morning. How many oranges did Mei Qin have left?

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Ans : _____ [3]

43. Study the figures below.

(a) How many sticks are needed to form Figure 11?

(b) Which figure would have 205 sticks?

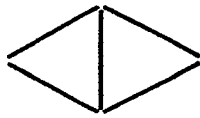


Figure 1
5 sticks

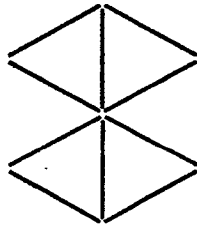


Figure 2
10 sticks

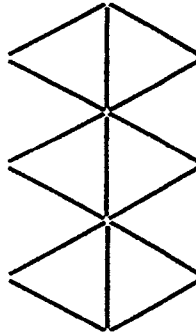


Figure 3
15 sticks

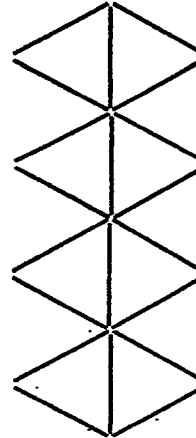


Figure 4
20 sticks

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Ans : (a) _____ [1]

(b) _____ [2]

44. The fairy lights on the Christmas tree twinkles at intervals of 3 minutes. The fairy lights on the wall twinkles at intervals of 4 minutes. If both sets of fairy lights were to twinkle at 1.30 p.m., what would be the next time that both sets of fairy lights twinkle together again?

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Ans : _____ [3]



45. Lena and Ming Ho had the same ^{number} ~~number~~ of money at first. After Lena saved another \$900 and Ming Ho spent \$250, Lena had thrice as much money as Ming Ho. How much money did each of them have at first?

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Ans : _____ [4]

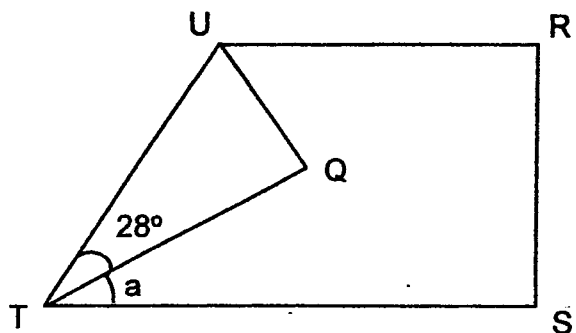


46. The figure shows a rectangular piece of paper folded at one of its corners.

Given that $\angle UTQ = 28^\circ$,

a) Find the sum of $\angle UQT$, $\angle UTQ$ and $\angle RST$.

b) Find $\angle a$.



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space

Ans : (a) _____ [2]

(b) _____ [2]



ANSWER KEY

YEAR : 2017
 LEVEL : PRIMARY 4
 SCHOOL : CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)
 SUBJECT : MATHEMATICS
 TERM : SA1 Revision *CA1*

BOOKLET A

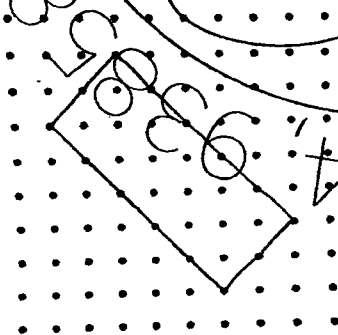
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	3	1	2	2	3	4	1	1	4
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
4	3	1	3	1	4	3	3	4	1

BOOKLET B: SECTION B

Q21. 2467 Q22. 2067 Q23. 1720 Q24. 54 Q25. 7 Q26. 13

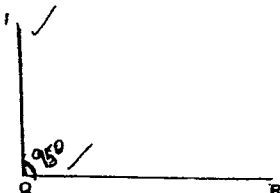
Q27. 9765 Q28. 5 Q29. 37 Q30. b and e

Q31.



Q32. \$112 Q33. 1117 Q34. 15 Q35. 50°

Q36.

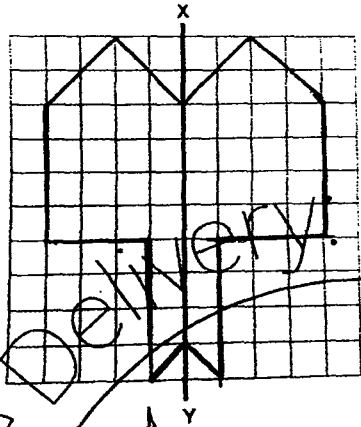


Q37. Bakery

Q38. 27°

Q39. 25

Q40.



Q41.

$$40 \div 5 = 8$$

$$8 \times 2 = 16$$

Answer: 16

Q42.

$$36 \times 120 = 4320$$

$$4320 - 2453 = 1867$$

Answer: 1867

Q43.

$$11 \times 5 = 55$$

$$205 \div 5 = 41$$

Answer: a) 55

b) 41

Q44.

$$3 \times 4 = 12$$

$$1:30 \rightarrow 12\text{min} \rightarrow 1:42$$

Answer: 1.42 p.m.

Q45.

$$900 + 250 = 1150$$

$$1150 \div 2 = 575$$

$$575 + 250 = 825 \quad \text{Answer: \$825}$$

Q46.

$$90 + 28 + 90 = 208$$

$$90 - 56 = 34$$

Answer: a) 208° b) 34°