Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 1 (2019)

PRIMARY 4

MATHEMATICS

Booklet A

Wednesday 15 May 2019 1 h 45 min

Name: _____ ( ) Class: 4.( )

INSTRUCTIONS TO PUPILS

1 Do not tum over the pages until you are told to do so.

2 Follow all instructions carefully.

3 There are 20 questions in this booklet.

4 Answer ALL questions

5 Shade your answers in the Optical Answer Sheet (OAS) provided.

This question paper consists of 9 printed pages (inclusive of cover page).

Section A

Questions **1** to **20** carry 2 marks 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 oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS). (40 marks)

1. Which of the following is not a factor of 42?

   1) 6
   2) 2
   3) 3
   4) 4

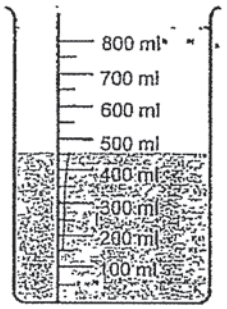
2. Round 48 695 to the nearest hundred.

   1) 48 600
   2) 48 690
   3) 48 700
   4) 48 750

3. In 69 418, the digit 6 is in the _____ place.

   1) ten thousands
   2) thousands
   3) hundreds
   4) tens

4. The figure below shows the water level after Mr Lee poured in 300 ml of water. How much water was there in the beaker at first?



1) 150 ml
2) 250 ml
3) 450 ml
4) 750 ml

5. Which of the following are the common multiples of 6 and 9?

1) 12 and 24
2) 18 and 36
3) 24 and 48
4) 27 and 54

6. How many right angles do 2 complete turns make?

1) 8
2) 2
3) 3
4) 6

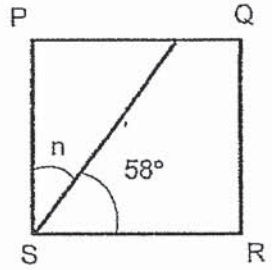
7. The product of two numbers is 152. One of the numbers is 8. What is the other number?

1) 19
2) 144
3) 160
4) 1216

8. A number when divided by 6 gives a quotient of 109 and a remainder of 5. What is the number?

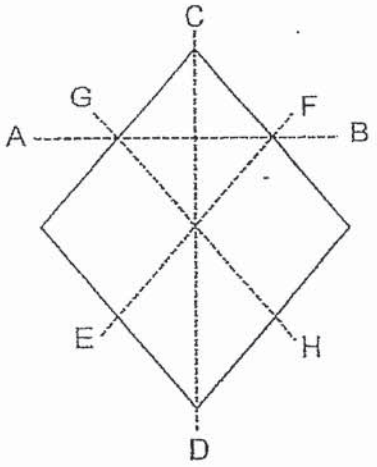
1) 545
2) 551
3) 654
4) 659

9. PQRS is a square. Find ∠n.



1) 22°
2) 32°
3) 42°
4) 52°

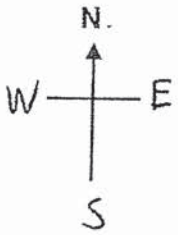
10. Which of the dotted lines below is a line of symmetry?



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

11. Mary is facing north-west. She makes a $\frac{3}{4}$–turn in a clockwise direction. Where will she be facing?

1) east
2) south-east
3) south-west
4) north-east



12. What fraction must be added to $\frac{1}{8}$ to get $\frac{3}{4}$?

1) $\frac{4}{8}$
2) $\frac{5}{8}$
3) $\frac{7}{8}$
4) $\frac{4}{12}$

13. Which of the following sentences is correct?

1) 80 hundreds ÷ 8 tens = 808 ones
2) 80 hundreds ÷ 8 tens = 808 hundreds
3) 80 hundreds ÷ 80 tens = 88 tens
4) 80 hundreds ÷ 80 tens = 88 hundreds

14. Ray started playing soccer at 2.35 p.m. He stopped playing at 4.05 p.m. How long did he play?

1) 1 h 30 min
2) 1 h 40 min
3) 2 h 30 min
4) 2 h 40 min

15. $18 \times 28 = \boxed{?} \div 6$

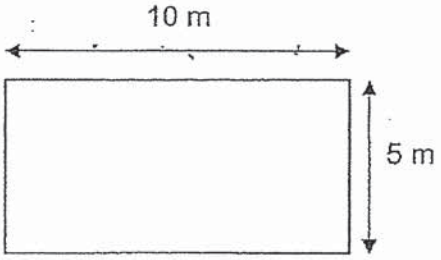
What is the missing number in the box?

1) 84
2) 168
3) 504
4) 3024

16. Desmond had $10. He bought a book for $8.60 and the cashier gave him the change in 20¢ coins. How many 20¢ coins did Desmond receive?

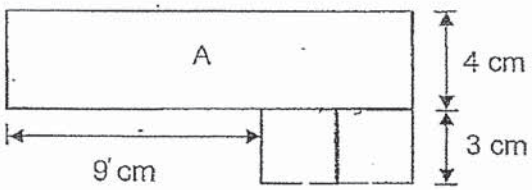
1) 6
2) 7
3) 8
4) 9

17. Mr Wong has a rectangular garden. He wants to build a fence round his garden. It costs $15 to build 1 metre of fence. How much does Mr Wong have to pay to build a fence around the whole garden?



1) $150
2) $225
3) $450
4) $750

18. The figure below is made up of 2 identical squares of side 3 cm and a rectangle A with breadth 4 cm. Find the length of rectangle A.



1) 7 cm
2) 13 cm
3) 15 cm
4) 16 cm

19. The sum of two numbers is 2136. The greater number is three times as large as the smaller number. Find the difference between the two numbers.

1) 534
2) 1068
3) 1424
4) 1602

20. A T-shirt is sold at $5. For every 2 T-shirts that Andrew buy, he will get 1 T-shirt free. How many T-shirts can Andrew get if he spends $90 on the T-shirts?

1) 9
2) 18
3) 27
4) 36

End of Booklet A

Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 1 (2019)

PRIMARY 4

MATHEMATICS

Booklet B

Wednesday **15 May 2019** **1 hr 45 min**

Name: _____ ( ) Class: 4.( ) Parent's Signature: _____

INSTRUCTIONS TO PUPILS

1 Do not turn over the pages until you are told to do so.

2 Follow all instructions carefully.

3 There are 25 questions in this booklet.

4 Answer ALL questions.

Section	Possible Marks	Marks Obtained
A	40	
B	40	
C	20	
Total	100	

This question paper consists of 14 printed pages (inclusive of cover page).

Section B

Questions **21** to **40** carry 2 marks each. Show your working clearly and write your answers in the boxes provided. For questions which require units, give your answers in the units stated.

(40 marks)

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21. Write 6 ten thousands, 5 hundreds and 9 ones in numerals

22. Form the greatest 5-digit odd number using the digits below.

6 , 4 , 5 , 0 , 7

23. Arrange the fractions in order, beginning with the smallest.

$\frac{1}{2}$, $\frac{2}{7}$, $\frac{2}{5}$

_____ , _____ , _____
smallest

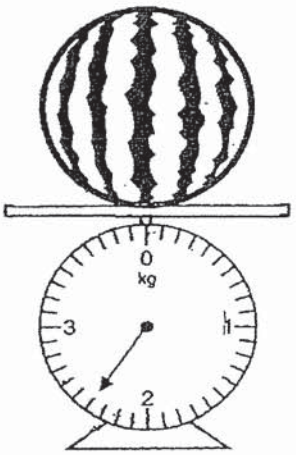
Sub-Total :

24. What is the sum of the first two common multiples of 3 and 5?

25. Find the product of 59 and 687.

26. What is the remainder when 4077 is divided by 8?

27. What is the mass of the watermelon? Give your answer in gram.



g

28. What are the missing numbers?

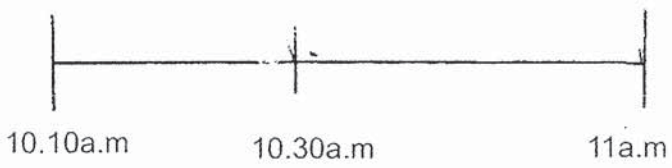
(a) $\frac{2}{3} = \frac{6}{\boxed{?}}$

(b) $\frac{2}{10} = \frac{\boxed{?}}{15}$

(a) _____

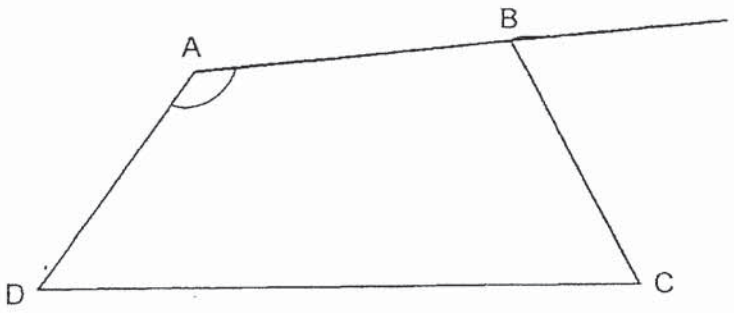
(b) _____

29. Mr Lee attended a meeting which lasted for 50 minutes. It ended at 11 a.m. What time did his meeting start?



a.m.

30. Measure ∠DAB.



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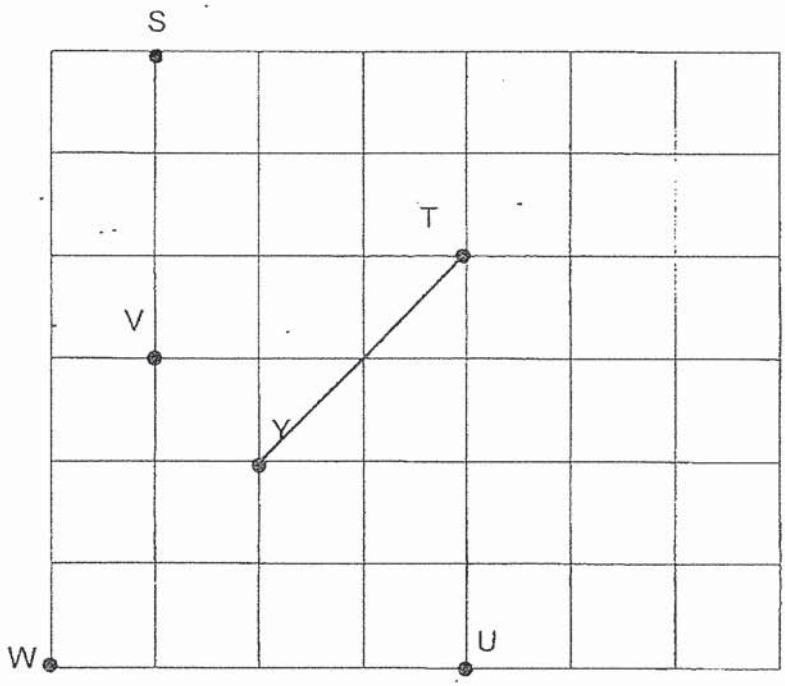
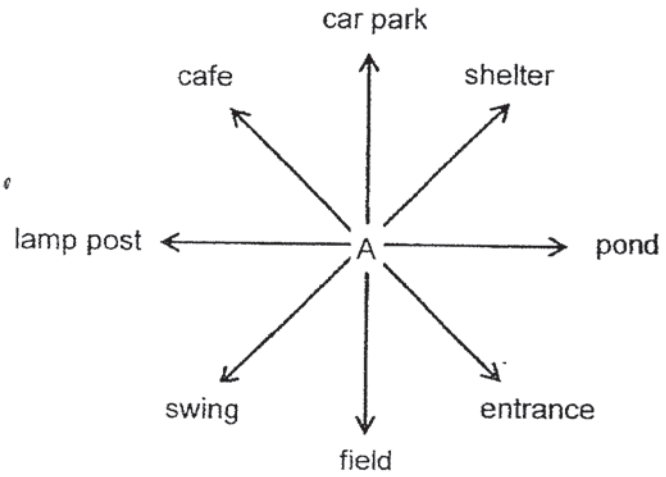
31. Look at the grid below.



Point Y is south-west of Point _____.

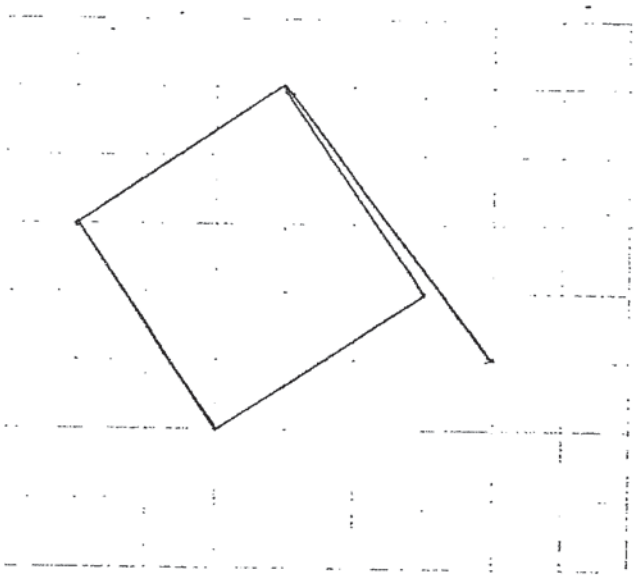
Point _____

32. Noriza is standing at A and facing South. How many degrees will she need to turn in an anti-clockwise direction to face the cafe?

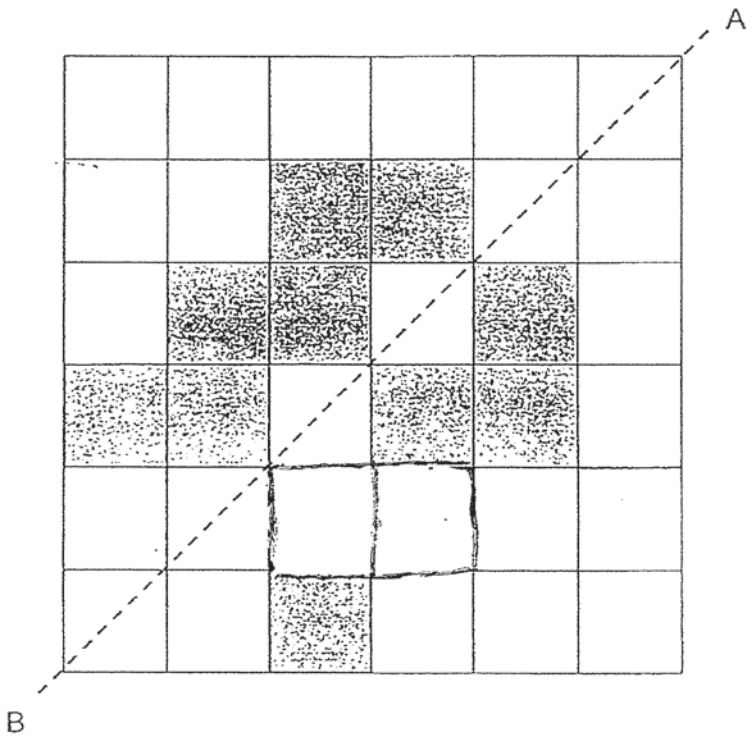


[ ] o

33. The two lines on the grid are the two sides of a rectangle. Complete the rectangle by drawing 2 more lines.



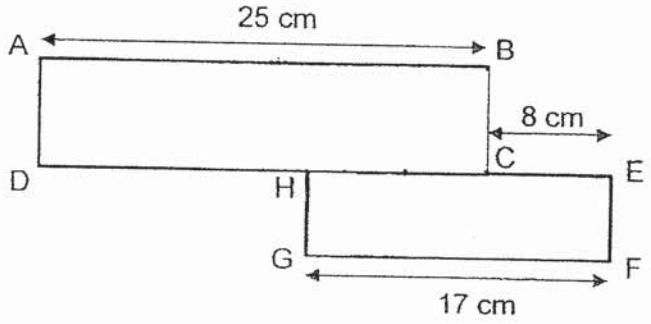
34. The dotted line AB in the figure below is a line of symmetry. Shade two squares to make the figure symmetric.



35. A shopkeeper has 6200 oranges. He wants to pack them into boxes. Each box can hold 9 oranges. What is the least number of boxes he needs to pack all the oranges into boxes?

36. Ali's age is a multiple of 6 and a factor of 84. His age is between 30 and 50. What is his age?

37. ABCD and EFGH are rectangles. AB = 25 cm, CE = 8 cm and GF = 17 cm. Find the length of DH.



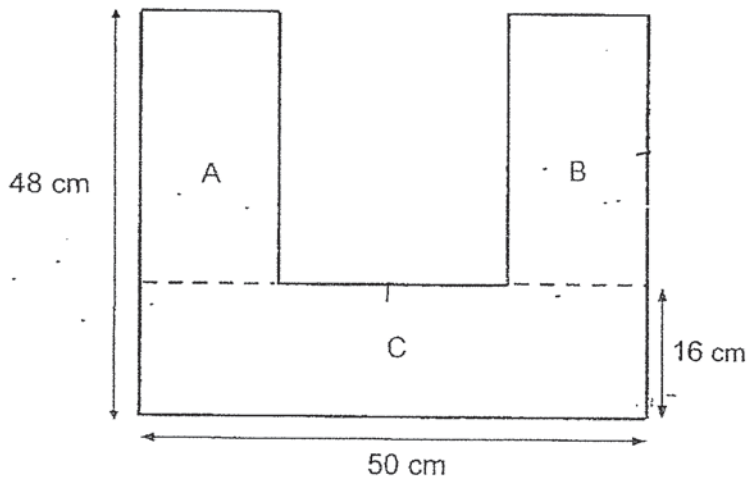
cm

38. Mr Singh bought 4 belts and a pair of trousers for $196. The pair of trousers cost 3 times as much as the belt. How much did the pair of trousers cost?

$

39. Ian and Dough had 844 stickers altogether. Emily and Dough had 1096 stickers altogether. Emily had twice as many stickers as Ian. How many stickers did Emily have?

40. The figure consists of 3 rectangles. Rectangles A and B are identical. Find the perimeter of the figure.



cm

Section C

For questions **41** to **45**, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

(20 marks)

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41. 2952 stickers were shared equally among a group of children. Each child received 8 stickers. There were 91 more boys than girls. How many girls received the stickers?

Ans: _____ [4]

42. A shopkeeper had 120 boxes of apples. Each box contained 25 apples. He sold 1856 apples and packed the rest into bags of 8. How many bags of apples would he have?

Ans: _____ [4]

43. Mrs Bay and Mrs Chan went shopping with the same amount of money at first. Mrs Bay spent $480 and Mrs Chan spent $620. In the end, Mrs Bay had twice as much money as Mrs Chan. How much money did both of them have altogether at first?

Ans: _____ [4]

44. Mr Teh spent $5184 on a sofa, a bed and a computer. The sofa cost $909 more than the computer. The computer cost $765 more than the bed. What was the cost of the bed?

Ans: _____ [4]

45. Jerry has 1045 marbles and Kenneth has 799 marbles. How many marbles must Jerry give Kenneth so that Jerry will have 106 marbles more than Kenneth?

Ans: _____ [4]

End of Booklet B

ANSWER KEY

YEAR : 2019
LEVEL : PRIMARY 4
SCHOOL : ANGLO-CHINESE SCHOOL (JR)
SUBJECT : MATHEMATICS
TERM : SA 1

BOOKLET A

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

BOOKLET B

Q21) 60 509

Q22) 76 405

Q23) $\frac{2}{7}, \frac{2}{5}, \frac{1}{2}$

Q24) 45

Q25) 40 533

Q26) 5

Q27) 2400g

Q28) a: 9 b: 3

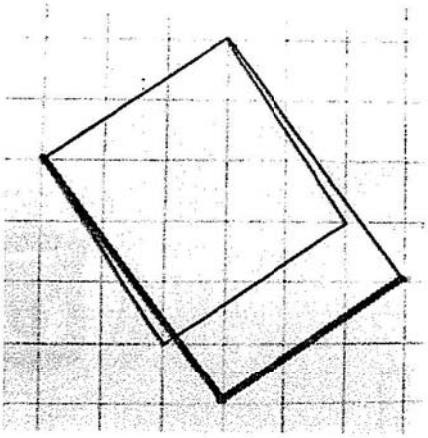
Q29) 10.10 am

Q30) 132°

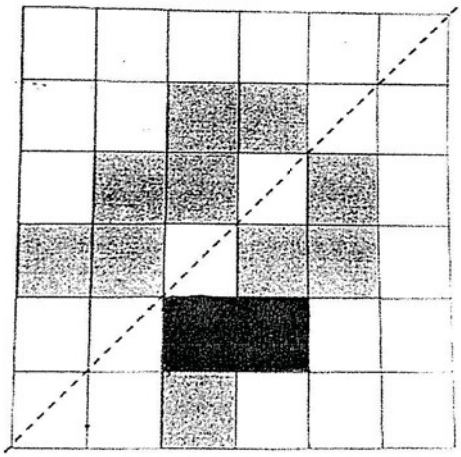
Q31) T

Q32) 225°

Q33)



Q34)



Q35) 689 boxes

Q36) 42 years old

Q37) 16cm

Q38) $84

Q39) 504

Q40) 260cm

Q41) 91 x 8 = 728

2952 – 728 = 2224

2224 ÷ 8 = 278
278 ÷ 2 = <u>139</u>

Q42) Total no of apples → 120 x 25
= 3000
3000 – 1856 = 1144
No of bags → 1144 ÷ 8
= <u>143</u>

Q43) 1u → 620 – 480
= 140
C → 140 + 620
= 760
B + C = 760 x 2
= <u>$1520</u>

Q44) 765 x 2 = 1530
1530 + 909 = 2439
3u → 5184 – 2439
= 2745
1u → 2745 ÷ 3
= <u>$915</u>

Q4_) _45 – 799 = 246
246 – 106 = 140
140 ÷ 2 = <u>70</u>

END