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Anglo-Chinese School
(Primary)
A Methodist Institution
(Founded 1886)

2020 SEMESTRAL ASSESSMENT 2
MATHEMATICS
BOOKLET A
PRIMARY FOUR

Name: _____ ( ) Class: Primary 4 ___

Date: 29 October 2020 Duration of Booklets A & B: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of 9 printed pages, including the cover page.
2. Do not turn this page until you are told to do so.
3. Follow all instructions carefully.
4. Shade your answer on the Optical Answer Sheet (OAS) provided.

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SECTION A - Multiple Choice Questions (30 MARKS)

Questions 1 to 15 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).

1. 44 thousands and 7 tens is the same as _____.

   (1) 44 770

   (2) 44 700

   (3) 44 070

   (4) 44 007

2. 25 784 rounded off to the nearest hundred is _____.

   (1) 25 700

   (2) 25 780

   (3) 25 800

   (4) 26 000

3. Which number below is 1.4 less than 5.79?

   (1) 7.19

   (2) 6.83

   (3) 5.65

   (4) 4.39

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4. Arrange the following decimals from the smallest to the greatest.

2.027 , 2.207 , 2.702 , 2.072

(smallest) *(greatest)*

(1) 2.027 , 2.072 , 2.207 , 2.702

(2) 2.072 , 2.207 , 2.027 , 2.702

(3) 2.072 , 2.027 , 2.207 , 2.702

(4) 2.027 ; 2.207 , 2.072 , 2.702

5. Express $\frac{54}{100}$ as a decimal.

(1) 0.054

(2) 0.504

(3) 0.540

(4) 5.400

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6. What is the missing number in the box?

$$9.16 = 9\frac{\boxed{?}}{50}$$

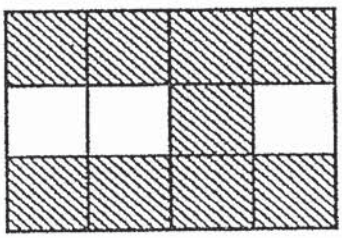
(1) 32

(2) 16

(3) 12

(4) 8

7. The figure shown below is made up of 12 identical squares.
What fraction of the figure is shaded?



(1) $\frac{1}{4}$

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

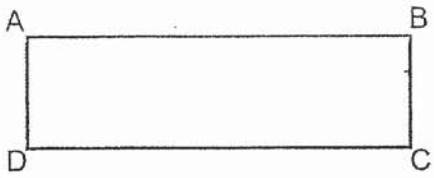
(3) $\frac{1}{2}$

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

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8. ABCD is a rectangle.



Which of the following statement about the rectangle ABCD is correct?

(1) AB is perpendicular to CD

(2) AD is parallel to BC

(3) The length of AB is 4 times the length of BC

(4) There is only a pair of parallel sides

9. 1.906 is the same as _____ .

(1) $\frac{10}{10} + \frac{9}{10} + \frac{6}{1000}$

(2) $\frac{10}{10} + \frac{9}{100} + \frac{6}{1000}$

(3) $\frac{1}{10} + \frac{9}{10} + \frac{6}{10}$

(4) $\frac{1}{10} + \frac{9}{100} + \frac{6}{1000}$

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10. What is the missing number in the box?

$$7\frac{5}{9} = \frac{\boxed{?}}{9}$$

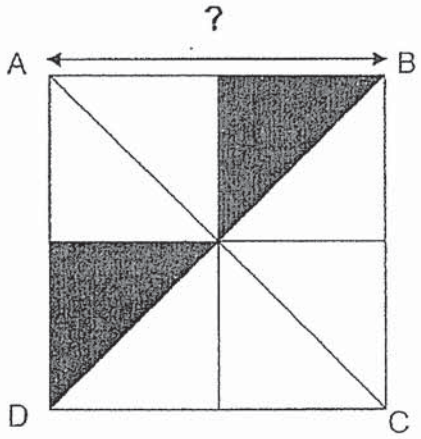
(1) 35

(2) 44

(3) 63

(4) 68

11. Square ABCD is made up of 8 identical triangles.
The area of one shaded triangle is 50 m^2. What is the length of AB?



(1) 25 m

(2) 20 m

(3) 10 m

(4) 5 m

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12. What is the difference between the 8th multiple of 7 and the 4th multiple of 8?

(1) 88

(2) 56

(3) 32

(4) 24

13. Which one of the following letter has perpendicular lines?

(1) W

(2) N

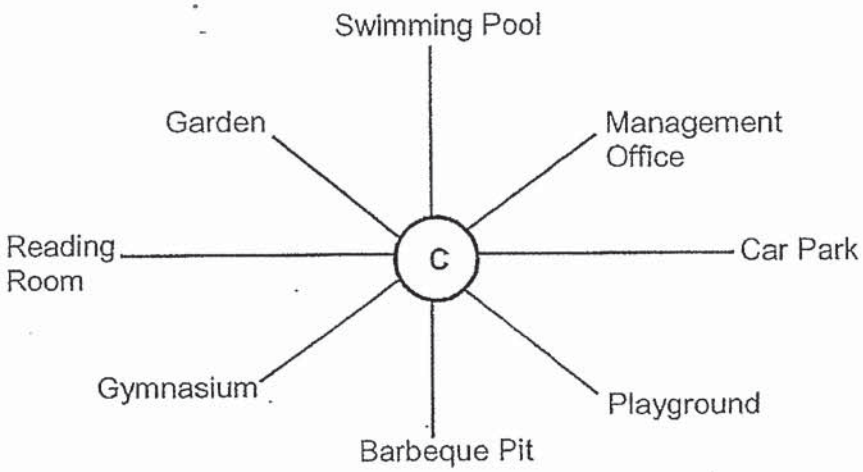
(3) F

(4) Z

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14. Matt is standing at the point marked **C** in the figure below. He is facing the Reading Room. In which direction would he be facing when he turns 135° anti-clockwise?



(1) Management Office

(2) Barbeque Pit

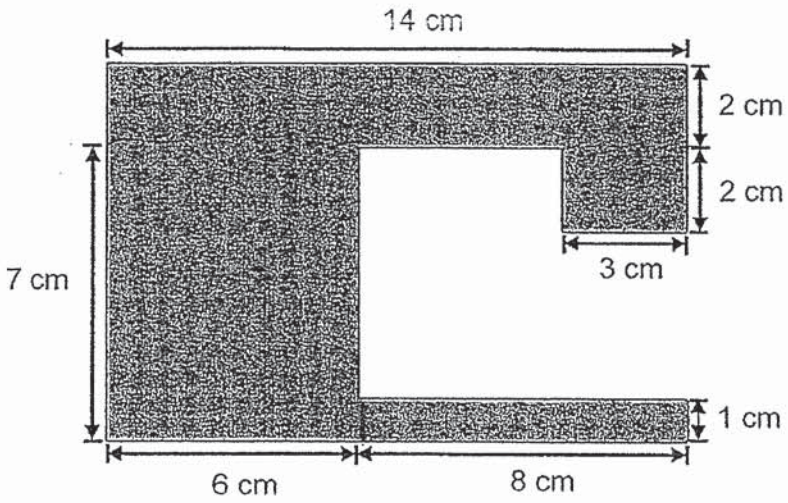
(3) Playground

(4) Car Park

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15. What is the area of the shaded figure?



(1) 126 cm^2

(2) 98 cm^2

(3) 84 cm^2

(4) 42 cm^2

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2020 SEMESTRAL ASSESSMENT 2
MATHEMATICS
BOOKLET B
PRIMARY FOUR

Name: _____ ( ) Class: Primary 4 ___

Date: 29 October 2020 Duration of Booklets A & B: 1 hour 45 minutes

_____
Parent's/Guardian's signature

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of 18 printed pages, including the cover page.
2. Do not turn this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.

Section	Maximum Marks	Marks Obtained
A. Multiple-Choice Questions	30	
B. Short Answers	40	
C. Problem Sums	30	
Total Marks	100	

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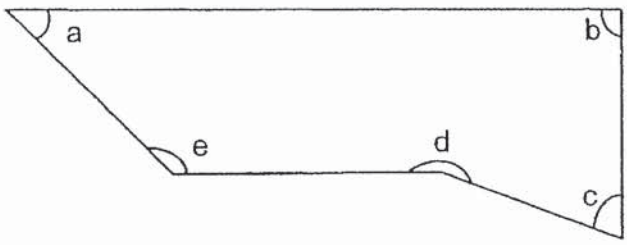
SECTION B - Short Answers (40 Marks)

Questions 16 to 35 carry 2 marks each. Show all workings clearly.
Write your answer in the space provided. Give your answers in the units stated and in its simplest form whenever possible.

16. Write seventy thousand and thirteen in figures.

Ans: _____

17. In the figure, one of the angles is a right angle. Name the angle.



Ans: ∠ _____

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18. Find the value of 6 ÷ 7. Round off your answer as a decimal to 2 decimal places.

Ans: _____

19. What is the remainder when 1276 is divided by 6?

Ans: _____

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20. Some factors of 81 are 1, 9 and 81. What are the other two factors of 81?

Ans: _____ and _____

21. Write $\frac{32}{6}$ as a mixed number in its simplest form.

Ans: _____

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The table below shows the favourite sport of Primary 4J pupils. Use the information provided in the table to answer questions 22 and 23.

Sport	Number of pupils
Basketball	18
Badminton	8
Football	?
Swimming	4
Tennis	7

22. There were 43 pupils in the class. How many pupils chose football as their favourite sport?

Ans: _____

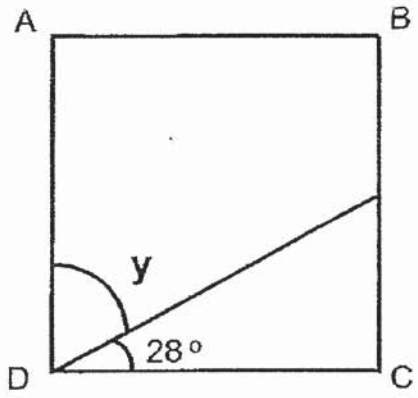
23. Which sport was 2 times as popular as swimming?

Ans: _____

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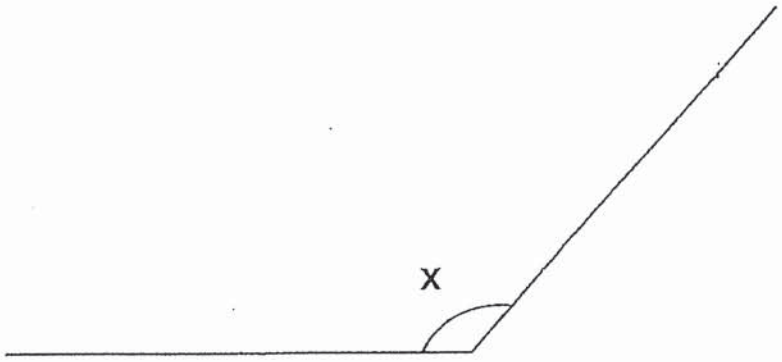
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24. ABCD is a rectangle. Find ∠y.



Ans: _____°

25. Measure and write down the size of ∠x.



Ans: _____°

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

_____, 11 387, 10 137, 8887, 7637

Ans: _____

27. What is the first common multiple of 6 and 8?

Ans: _____

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28. Elton took a bus to attend a friend's birthday party. The party lasted for 1 h 45 min and ended at 16 30. If the bus ride to the friend's place was 22 minutes long, what time did Elton board the bus? Leave your answer in 24-hour clock format.

Ans: _____

29. What are the missing numerators?

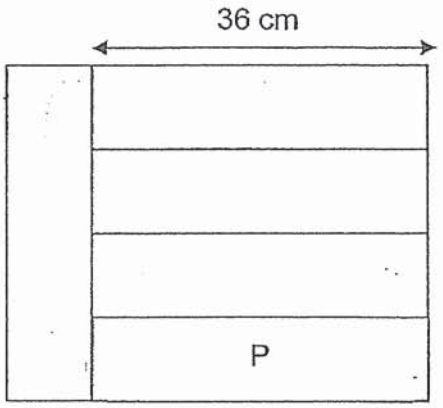
$$\frac{\boxed{(a)}}{4} - \frac{\boxed{(b)}}{3} = \frac{1}{12}$$

Ans: (a) _____ and (b) _____

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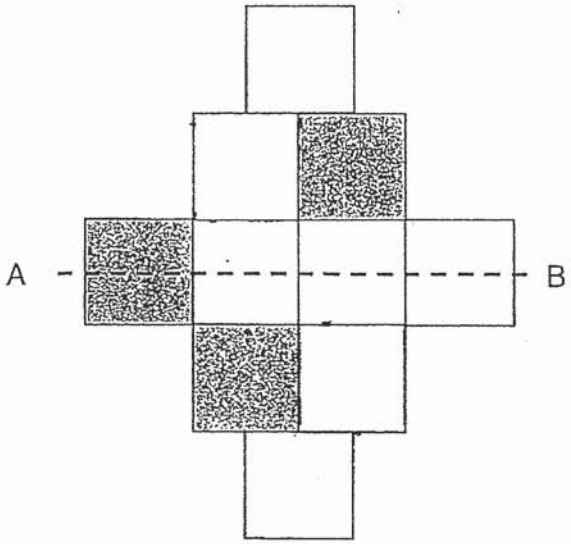
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30. The figure is made up of 5 identical rectangles.
What is the area of rectangle P?



Ans: _____ cm^2

31. In the figure below, the dotted line AB is the line of symmetry.
Shade <u>two</u> more unit squares on the figure below to complete the symmetric figure.



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32. Mr Tan bought 18 computers for his office. The cost of each computer was $976. How much did Mr Tan spend altogether?

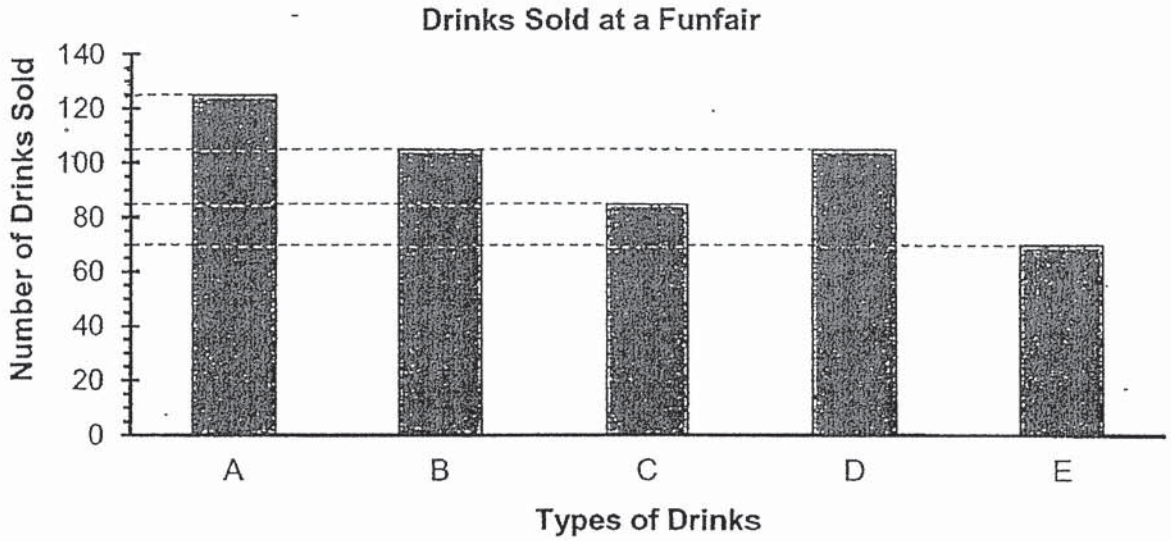
Ans: $ _____

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Study the graph below carefully and answer questions 33, 34 and 35.

The bar graph below shows the number of drinks sold at a funfair.



33. There were _____ fewer drinks of Type C sold than Type A.

Ans: _____

34. What is the difference between the most popular and least popular drink sold?

Ans: _____

35. Each drink costs $2. How much money was collected from selling Type B drinks at the funfair?

Ans: $ _____

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SECTION C - Problem Sums (30 Marks)

For each question from 36 to 43, show your working and mathematical statements clearly in the space below each question. Write your answer in the answer space provided. Give your answers in the units stated and in its simplest form whenever possible. Marks awarded are shown in the brackets [ ].

36. Bob had 3 times as many stamps as Anna. They had 820 stamps altogether. Bob gave 234 stamps to Anna. How stamps did Anna have in the end?

Answer : _____ [3]

37. Winnie had \$564. She spent $\frac{1}{6}$ of her money on books and another \$158 on groceries. How much money had she left?

Answer : _____ [3]

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38. Dana usually takes a bus from her home to school. If she leaves home at 06 10, she will reach school at 07 25. Last week, a new MRT line has opened and she can take the train directly from home to school instead. This will shorten her journey by 35 minutes.

a) How long does Dana take to go school by the new MRT line?

b) Dana spent the next 6 h 25 min in school before dismissal. If Dana started school at 07 45, at what time was she dismissed from school? Give your answer in the 12 h clock format.

Answer : a) _____ [2]

b) _____ [2]

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39. Andy had 1484 pencils and erasers. After he gave away $\frac{4}{5}$ of the pencils and 248 erasers to Chloe, he had an equal number of pencils and erasers left.

a) How many pencils did Andy have in the end?

b) Chloe packed the erasers that she received from Andy into packs of 8 and sold each pack at $3. How much did she receive from selling the erasers?

Answer : a) _____ [2]

b) _____ [2]

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40. The total mass of 3 identical cans of sardine and 2 packets of flour was 8.1 kg. The total mass of 5 such cans of sardine and 4 such packet of flour is 14.7 kg. What is the mass of 10 cans of sardine and 10 packets of flour?

Answer : _____ [4]

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41. Kelvin and Hannah had the same number of cards. When Kelvin gave away 2075 of his cards and Hannah gave away 367 of her cards, Hannah had five times as many cards as Kelvin. How many cards did each of them have at first?

Answer : _____ [4]

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42. Vincent had some money. He wanted to buy 5 movie tickets but he was short of $35. Instead, he bought 2 movie tickets and had $2.50 left.

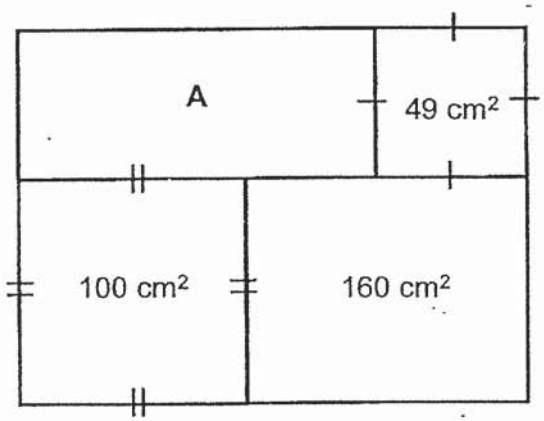
How much money did he have at first?

Answer : _____ [4]

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43. The figure below, not drawn to scale, is made up of 2 squares and 2 rectangles. What is the area of Rectangle A?



Answer : _____ [4]

End – of – Paper

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ANSWER KEY

YEAR : 2020
LEVEL : PRIMARY 4
SCHOOL : ANGLO CHINESE SCHOOL
SUBJECT : MATHEMATICS
TERM : SA2

BOOKLET A

Q1	3	Q2	3	Q3	4	Q4	1	Q5	3
Q6	4	Q7	4	Q8	2	Q9	1	Q10	4
Q11	2	Q12	4	Q13	3	Q14	3	Q15	3

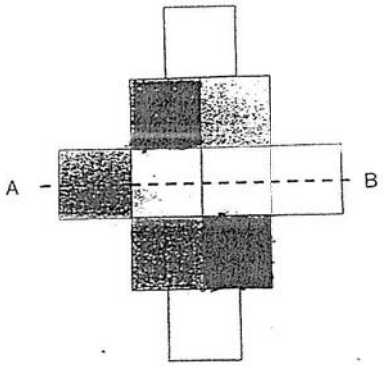
BOOKLET B

Q16	70013
Q17	B
Q18	0.86
Q19	4
Q20	3 and 27
Q21	$5\frac{1}{3}$
Q22	18+8=26 26+4=30 30+7=37 43-37=6
Q23	Badminton
Q24	62°
Q25	131°
Q26	12637
Q27	24
Q28	1423
Q29	a) 3 b) 2
Q30	36÷4=9 36×9=324cm2

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Q31	
Q32	$175
Q33	40
Q34	55
Q35	$210

BOOKLET C

Q36	820÷4=205 205+234=439
Q37	564÷6=94 158+94=252 564-252=312
Q38	a) 50min+25min=75min 75min-35min=40min b) 2.10p.m.
Q39	a) 1484-248=1236 1236÷6=206 b) 248÷3=31 31×3=93
Q40	14.7-8.1=6.6 6.6×5=33kg
Q41	2075-367=1708 1708÷4=427 427×5=2135 2135+367=2502
Q42	35+2.50=37.50 37.50÷3=12.50 12.50+12.50+2.50=$27.50
Q43	260÷10=26 26-7=19 19×7=133cm2

END

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