

Anglo-Chinese School (Junior)



SEMESTRAL ASSESSMENT 2 (2016)

**PRIMARY 4
MATHEMATICS**

Booklet A

Tuesday

1 November 2016

1 h 45 min

Name: _____ () Class: 4.()

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 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. 66 thousands and 9 tens is the same as _____.

- 1) 669
- 2) 6690
- 3) 66009
- 4) 66090

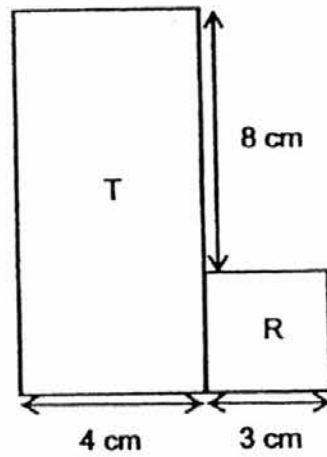
2. $90\,000 + 4000 + 300 + 2 =$ _____.

- 1) 94320
- 2) 94302
- 3) 94032
- 4) 90432

3. The digit 9 in 6.397 stands for 9 _____.

- 1) ones
- 2) tens
- 3) tenths
- 4) hundredths

4. The figure shown is made up of a square R of side 3 cm and a rectangle T with breadth 4 cm. What is the length of the rectangle?



- 1) 7 cm
 - 2) 8 cm
 - 3) 11 cm
 - 4) 12 cm
5. How many one-fifths are there in 2 wholes?

- 1) $1\frac{1}{5}$
- 2) $\frac{2}{5}$
- 3) 5
- 4) 10

6. Find the value of $\frac{7}{10} - \frac{1}{2}$.

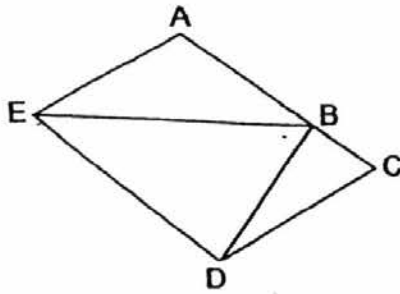
1) $\frac{1}{5}$

2) $\frac{2}{5}$

3) $\frac{3}{5}$

4) $\frac{4}{5}$

7. In the figure, which line is perpendicular to AB?



1) AE

2) BD

3) CD

4) DE

8. Which of the following decimals is the smallest?

1) 0.460

2) 0.560

3) 0.457

4) 0.545

9. Which of the dotted lines is not a line of symmetry?



10. Which of the following is both a factor of 28 and a multiple of 4?

- 1) 7
- 2) 16
- 3) 28
- 4) 56

11. Bob had 3 ℓ of orange juice in a jug. He poured the orange juice equally into 5 glasses to share with his friends. How much orange juice did each glass hold?

- 1) 0.5 ℓ
- 2) 0.6 ℓ
- 3) 5 ℓ
- 4) 15 ℓ

12. Which one of the following fractions is less than $1\frac{1}{2}$?

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

13. Express $9\frac{2}{7}$ as an improper fraction.

- 1) $\frac{18}{7}$
- 2) $\frac{63}{7}$
- 3) $\frac{65}{7}$
- 4) $\frac{92}{7}$

14. A number when rounded off to the nearest ten has a value of 400. What could be the number?
- 1) 390
 - 2) 395
 - 3) 405
 - 4) 409
15. A coach left Singapore for Penang at 21 45. It reached Penang at 05 00 the next day. How long was the journey?
- 1) 6 h 15 min
 - 2) 6 h 45 min
 - 3) 7 h 15 min
 - 4) 7 h 45 min
16. I have a 3-digit **even** number. The digit in the **ones** place is **twice** the **digit in the tens** place. The number can be divided exactly by 4. What is the number?
- 1) 721
 - 2) 726
 - 3) 748
 - 4) 763

The following table shows the number of curry puffs and chicken pies sold by a bakery from Monday to Wednesday. Study the table and answer Questions 17 and 18.

Day	Number of curry puffs	Number of chicken pies
Monday	290	320
Tuesday	340	255
Wednesday	250	420

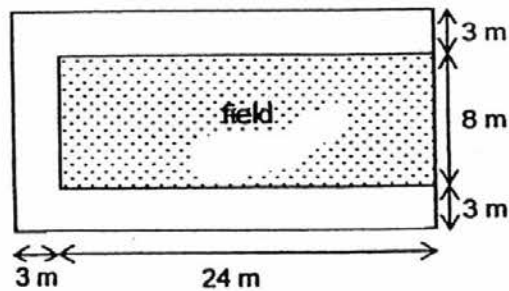
17. What was the total number of curry puffs and chicken pies sold on Wednesday?
- 1) 610
 - 2) 670
 - 3) 880
 - 4) 995
18. Each chicken pie was sold at \$3. How much more money did the bakery collect from the sale of chicken pies on Monday than on Tuesday?
- 1) \$150
 - 2) \$195
 - 3) \$665
 - 4) \$960

19. Which of the following have the **same** areas?

A	A square of side 12 cm.
B	A square of side 20 cm.
C	A rectangle measuring 20 cm by 9 cm.
D	A rectangle measuring 50 cm by 8 cm.

- 1) A and C
- 2) A and D
- 3) B and C
- 4) B and D

20. A rectangular field of length 24 m and breadth 8 m has a path 3 m wide as shown below. What is the area of the path?



- 1) 186 m^2
- 2) 192 m^2
- 3) 297 m^2
- 4) 378 m^2

End of Booklet A

Anglo-Chinese School (Junior)



SEMESTRAL ASSESSMENT 2 (2016)

PRIMARY 4 MATHEMATICS

Booklet B

Tuesday

1 November 2016

1 h 45 min

Name: _____ () Class: 4.()

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 12 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)

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

13 000, 12 200, 11 400, 10 600, _____, 9000

22. Two factors of 6 are 1 and 6. What are the other two factors of 6?

23. Arrange the following numbers from the smallest to the greatest.

9705 , 9057 , 9570

24. What is the value of $\frac{5}{6} + \frac{2}{3}$?

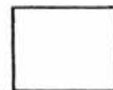
Express your answer as a mixed number.

25. Express 0.6 as a fraction.

26. Arrange the following fractions from the smallest to the greatest.

$$\frac{7}{12}, \frac{1}{2}, \frac{11}{12}$$

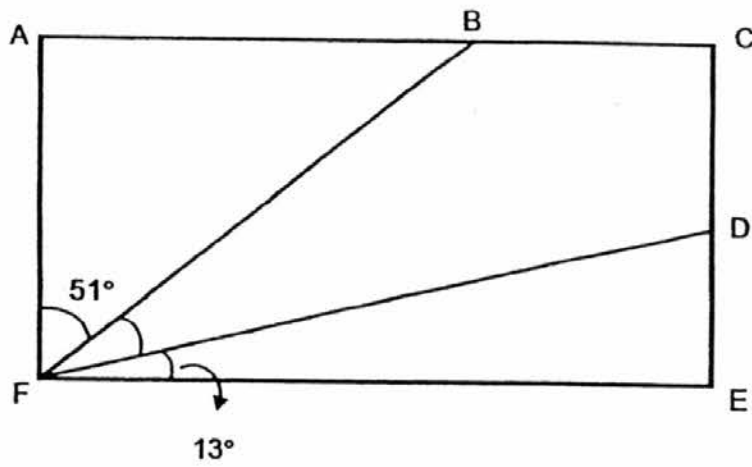
<u> </u> <i>(smallest)</i>	,	<u> </u>	,	<u> </u> <i>(greatest)</i>
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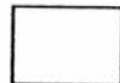


27. Express $\frac{86}{100}$ as a decimal.

28. Find the value of 7.92×8 .

29. In the figure shown, ~~ABCD~~ ^{ACEF} is a rectangle. Find $\angle BFD$.





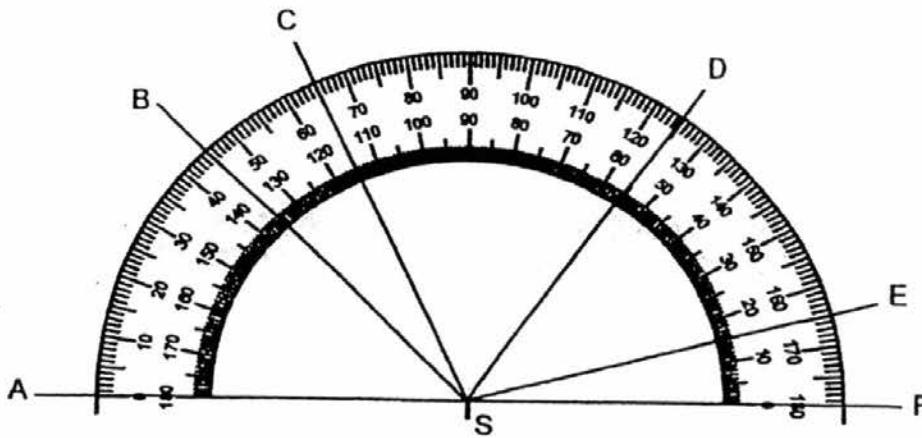
30. Express 2 h 35 min in minutes.

31. Fatimah is facing north-east. She makes a $\frac{3}{4}$ -turn in an anti-clockwise direction. In which direction will she be facing now?

32. Selene bought a book for \$66. She gave the cashier twice as many \$10 notes as \$2 notes. How many \$2 notes did she give the cashier?

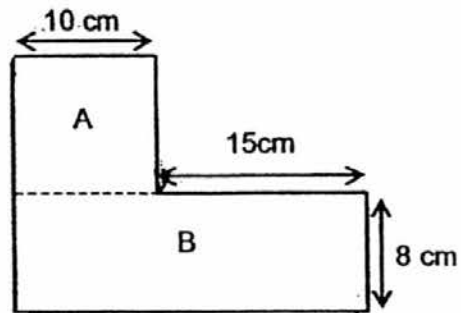
33. Matt had 24 m of wire. He used $\frac{5}{12}$ of them to make a toy. What was the length of the wire left?

34. Name the angle that is equal to 135° .



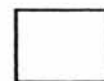
B6

35. The figure is made up of a square A and a rectangle B. What is the perimeter of the figure?

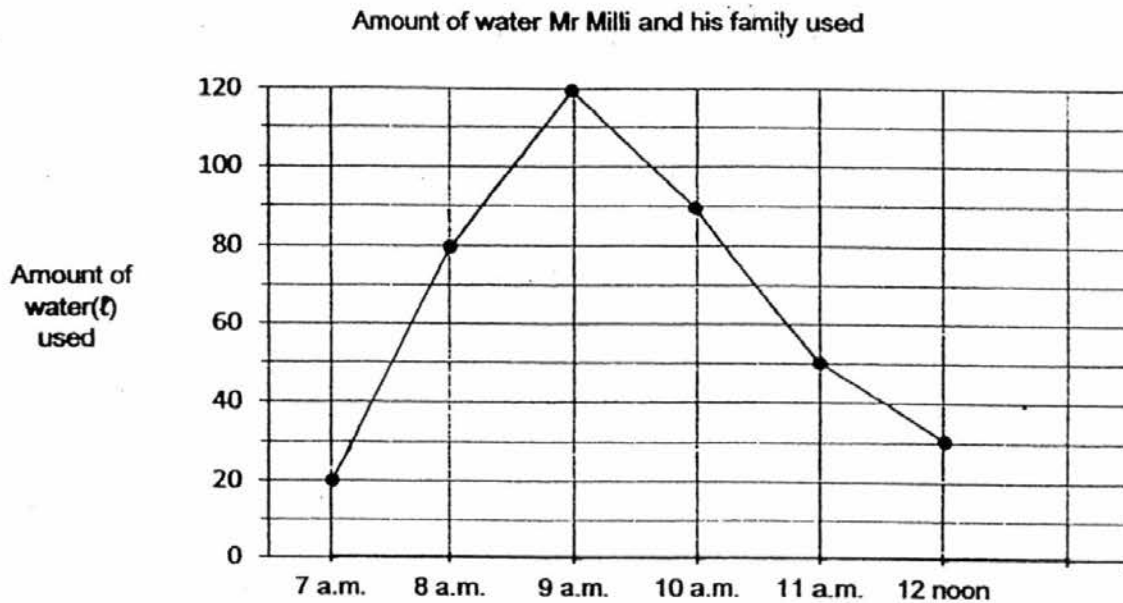

 cm

36. The table below shows the number of coins Kim and Fauzi have. How much money do Kim and Fauzi have altogether?

	Kim	Fauzi
Number of 20-cent coins	4	9
Number of 50-cent coins	6	3



The line graph below shows the amount of water used by Mr Milli and his family from 7 a.m. to 12 noon. Study the graph carefully and answer Questions 37 and 38.



37. What was the difference between the greatest and the least amount of water used?

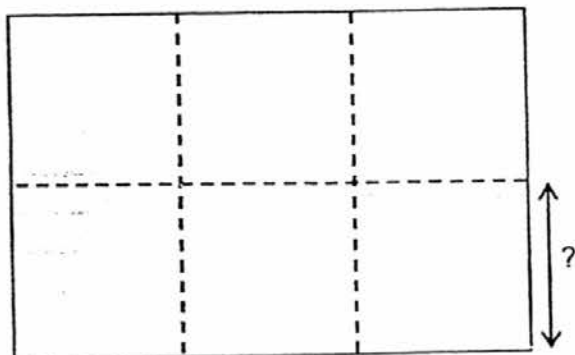
litres

38. During which 1-hour interval was the decrease in the amount of water used the greatest?

From _____ to _____

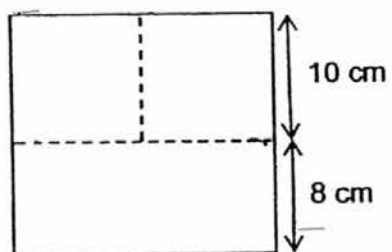


39. The figure is made up of 6 similar squares. The area of the figure is 486 cm^2 . Find the length of one side of the square.



cm

40. The figure below is made up of a rectangle and two similar squares. Find the area of the whole figure



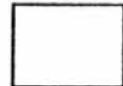
cm^2

Section C

Questions 41 to 45 carry 4 marks each. For each question, show your working clearly as marks will be given for working and relevant statement. (20 marks)

41. The total mass of a basket and a watermelon is 7.45 kg. When some oranges are added to the basket, the total mass becomes 9.6 kg. The mass of the watermelon is three times the mass of all the oranges.
- What is the mass of the watermelon?
 - Find the mass of the basket.

42. Mr Muthu had some chickens on his farm. He gave $\frac{1}{4}$ of his chickens to Mr Tan and $\frac{5}{12}$ of them to Mr Yazid. Mr Muthu gave Mr Yazid 96 more chickens than Mr Tan.
- What fraction of the chickens did Mr Muthu give away?
 - How many chickens did Mr Tan receive from Mr Muthu?

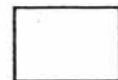


43. Michael saved some of his pocket money for 3 days. He saved \$3.00 on the first day. For the remaining 2 days, he saved \$0.20 more than the previous day.

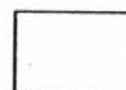
- (a) How much money did he save in 3 days?
- (b) Michael then spent all his savings on 4 identical pens. How much did each pen cost?

44. There were twice as many girls as boys in the hall. After 296 boys left the hall, the number of girls in the hall was 6 times the number of boys in the hall.

- (a) How many boys remain in the hall?
- (b) How many children were there in the hall at first?



45. There are 745 red and white roses in Shop A. There are 455 red and yellow roses in Shop B. The number of white roses in Shop A is three times the number of yellow roses in Shop B. The number of red roses in both shops is the same.
- (a) How many yellow roses are there in Shop B?
 - (b) Find the total number of red roses in both shops.



YEAR : 2016
 LEVEL : PRIMARY 4
 SCHOOL : ANGLO-CHINESE (JUNIOR)
 SUBJECT : MATHEMATICS
 TERM : SA2

Booklet A

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

Booklet B

- Q21 9800
 Q22 2 and 3
 Q23 9057, 9570, 9705
 Q24 $1\frac{1}{2}$
 Q25 $\frac{3}{5}$
 Q26 $\frac{1}{2}, \frac{7}{12}, \frac{11}{12}$
 Q27 0.86
 Q28 63.36
 Q29 26°
 Q30 155 min
 Q31 South – East
 Q32 3
 Q33 $24 \div 12 = 2$
 $2 \times 5 = 10$
 $24 - 10 \Rightarrow \underline{14 \text{ m}}$

- Q34 \angle FSB
- Q35 86 cm
- Q36 $\$3.80 + \$3.30 \Rightarrow \underline{\$7.10}$
- Q37 $120 - 20 \Rightarrow \underline{100 \text{ litres}}$
- Q38 From 10 am to 11 am
- Q39 9 cm
- Q40 360 cm^2
- Q41 (a) $9.6 - 7.45 = 2.15$
 $2.15 \times 3 \Rightarrow \underline{6.45 \text{ kg}}$
- (b) $7.45 - 6.45 \Rightarrow \underline{1 \text{ kg}}$
- Q42 (a) $\frac{1}{4} = \frac{3}{12}$ (Tan)
 $\frac{5}{12} + \frac{3}{12} = \frac{8}{12} \Rightarrow \frac{2}{3}$
- (b) $\frac{5}{12} - \frac{3}{12} = \frac{2}{12}$
 $2 \text{ units} = 96$
 $1 \text{ unit} = 48$
 $48 \times 3 \Rightarrow \underline{144 \text{ chickens}}$
- Q43 (a) $3.00 + 0.20 = 3.20$ (2nd)
 $3.20 + 0.20 = 3.40$ (3rd)
 $3.00 + 3.20 + 3.40 \Rightarrow \underline{\$9.60}$
- (b) $9.60 \div 4 \Rightarrow \underline{\$2.40 \text{ each pen}}$
- Q44 (a) 148 boys
- (b) $148 + 296 = 444$
 $444 \times 3 \Rightarrow \underline{1332 \text{ children}}$
- Q45 (a) $2u = 290$
 $1u \Rightarrow \underline{145 \text{ yellow roses}}$
- (b) $455 - 145 = 310$
 $310 \times 2 \Rightarrow \underline{620 \text{ red roses}}$

End

