

Anglo-Chinese School
(Junior)



SEMESTRAL ASSESSMENT 2 (2010)
PRIMARY 4

MATHEMATICS

Booklet A

Thursday

28 October 2010

1 h 45 min

INSTRUCTIONS TO PUPILS

DO NOT TURN OVER THE PAGES UNTIL YOU ARE TOLD TO DO SO.

Follow all instructions carefully.

There are 20 questions in this booklet.

Answer ALL questions.

Name: _____ ()

Class:

Section	Possible Marks	Marks Obtained
A	40	

Parent's Signature : _____

This question paper consists of 7 printed pages. (Inclusive of cover page)

Section A (20 × 2 marks)

For each question, four options are given. Choose the correct answer and shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet provided.

1. In 7 832, the digit 8 is in the _____ place.

- (1) ones
- (2) tens
- (3) hundreds
- (4) thousands

2. What is the sum of the fifth and sixth multiples of 7?

- (1) 18
- (2) 35
- (3) 42
- (4) 77

3. Which one of the following statements is incorrect?

- (1) 3 is a factor of 24
- (2) 4 is a factor of 36
- (3) 2 is a common factor of 14 and 38
- (4) 6 is a common factor of 16 and 36

4. In the number 23.58, the digit _____ is in the tenths place.

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

5. Write $4\frac{7}{20}$ as a decimal.


- (1) 4.7
- (2) 4.35
- (3) 4.72
- (4) 4.035

6. Express 12 tenths 16 hundredths 5 thousandths as a decimal.

- (1) 0.385
- (2) 1.265
- (3) 1.365
- (4) 2.805

7. Divide 188 by 7. Give your answer correct to 2 decimal places.

- (1) 26.75
- (2) 26.76
- (3) 26.85
- (4) 26.86

8. What fraction of the shapes in the box are ?



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

9. $7\frac{5}{8} = \frac{\boxed{5}}{8}$

What is the missing number in the box?

- (1) 43
- (2) 54
- (3) 60
- (4) 61

10. How many quarters are there in 3 wholes?

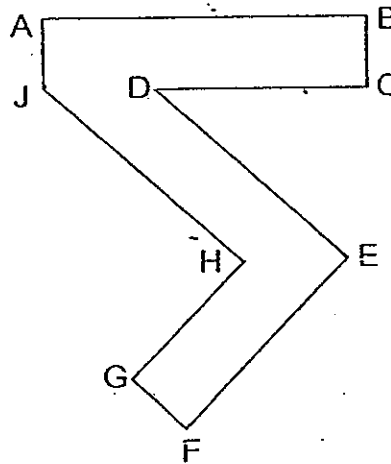
- (1) 10
- (2) 12
- (3) 13
- (4) 14

11. How many right angles are there inside the figure below?



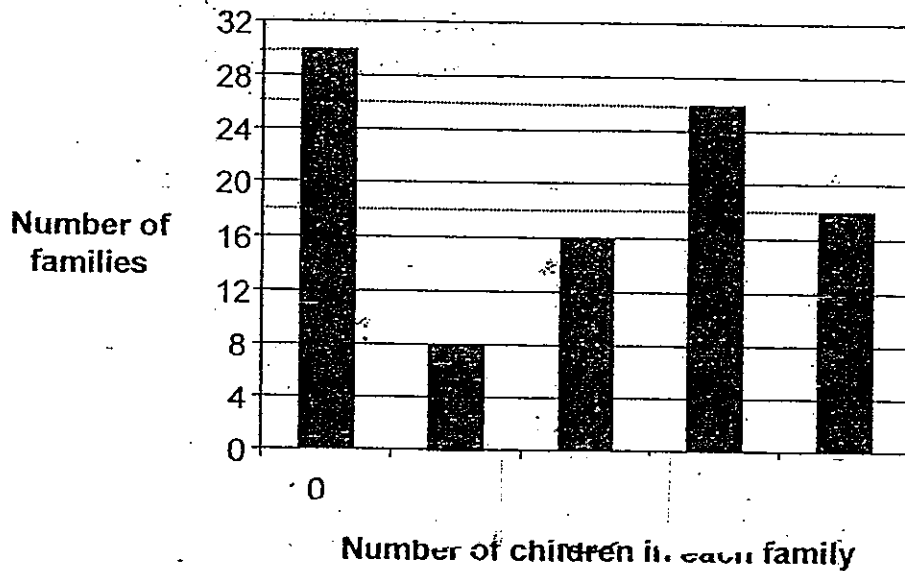
- (1) 1
- (2) 2
- (3) 3
- (4) 4

12. Look at the figure below. Which one of the following statements is true?



- (1) AB is parallel to BC
- (2) CD is parallel to DE
- (3) DE is perpendicular to EF
- (4) EF is perpendicular to GH

The following graph shows the number of children in each family in Blk 41, Marine Parade. Study the graph carefully and answer questions 13 and 14.



13. How many families have more than 2 children?

- (1) 8
- (2) 44
- (3) 60
- (4) 98

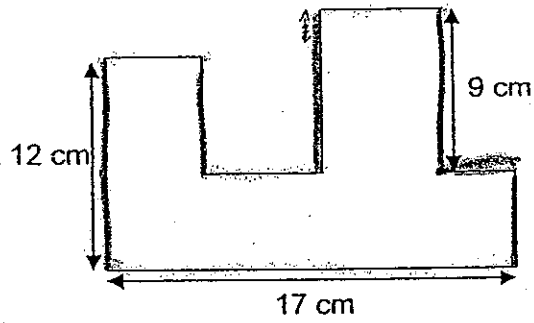
14. How many children are there altogether in Blk 41?

- (1) 5
- (2) 10
- (3) 98
- (4) 190

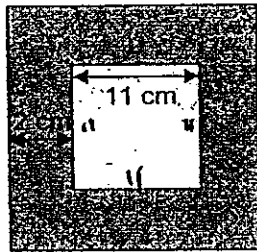
15. The perimeter of a rectangle is 64 cm. Given that the length of the rectangle is three times its breadth, find its length.

- (1) 8 cm
- (2) 16 cm
- (3) 24 cm
- (4) 32 cm

16. Find the perimeter of the figure below.



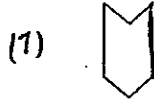
- (1) 58 cm
 (2) 66 cm
 (3) 72 cm
 (4) 76 cm
17. A square measuring 11 cm by 11 cm is mounted on a cardboard leaving a border of 2 cm all around. What is the area of the border?



- (1) 104 cm^2
 (2) 121 cm^2
 (3) 225 cm^2
 (4) 346 cm^2
18. Which of these symbols is a symmetric symbol?

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

19. Which of these shapes cannot tessellate?



20. Nicholas completed his Math homework at 19 35.
If he takes 3 hours and 47 minutes to complete his work, what time did he start?

- (1) 14 38
- (2) 15 48
- (3) 16 35
- (4) 23 22

End of Booklet A

Anglo-Chinese School
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SEMESTRAL ASSESSMENT 2 (2010)
PRIMARY 4

MATHEMATICS

Booklet B

Thursday

28 October 2010

1 h 45 min

INSTRUCTIONS TO PUPILS

DO NOT TURN OVER THE PAGES UNTIL YOU ARE TOLD TO DO SO.

Follow all instructions carefully.

There are 25 questions in this booklet.

Answer ALL questions.

Name: _____ ()

Class:

Parent's Signature : _____

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

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

Section B (20 × 2 marks)

For each question, write your answer in the spaces provided. Give your answer in the units stated.

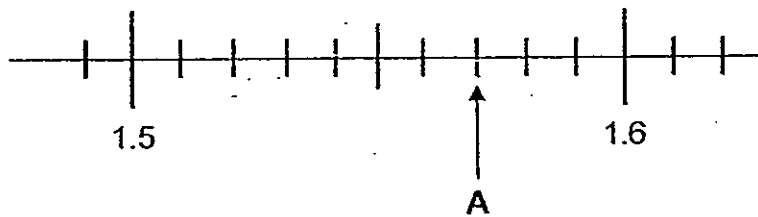
21. Write 14 098 in words.

22. 28 377 , 28 627 , _____ , 29 127 , 29 377

The missing number in the above pattern is _____

23. Subtract 432 from 1010.

24. What is the decimal represented by A?



25. Arrange the following decimals in order, from the greatest to the smallest.

0.680 , 0.608 , 0.806

_____	_____	_____
(greatest)		(smallest)

26. Find the product of 7.92 and 8.

--

27. Find the value of $1 - \frac{1}{8} - \frac{1}{4}$.

--

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

$\frac{2}{3}$, $\frac{2}{15}$, $\frac{13}{15}$

_____	_____	_____
(smallest)		(greatest)

29. Daniel has $\frac{1}{7}$ as many cards as Jonathan. They have 256 cards altogether.

How many cards must Jonathan give to Daniel so that they each will have the same number of cards?

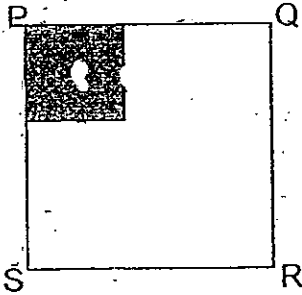
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 cards

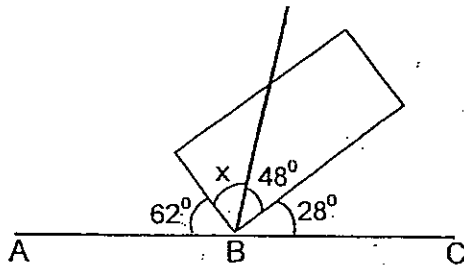
30. Joash jogged 10 times around a rectangular field measuring 42 m by 21 m. What was the distance he jogged?

 m

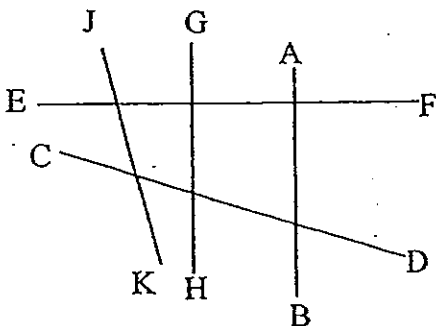
31. The area of the square PQRS is 64 cm^2 . The area of the shaded square is 9 cm^2 . Find the length XS.


 cm

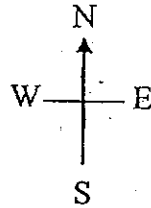
32. ABC is a straight line. Find $\angle x$.


 °

33. Which line is perpendicular to GH?



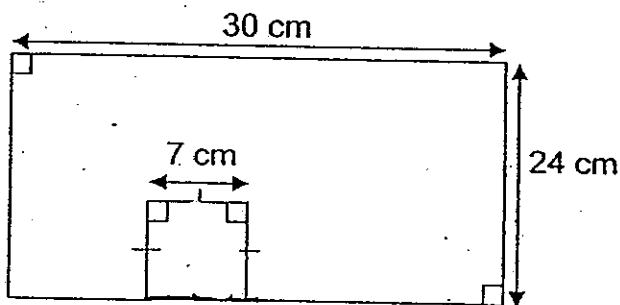
34. Andrew turns 225° anti-clockwise. If he is facing North-East in the end, where is he facing at first?



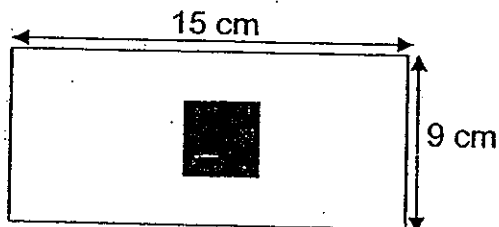
35. Benjamin exercises four times a week. He spends 2 hours each time exercising. How many weeks will Benjamin need to reach 200 hours of exercise?

 weeks

36. Find the area of the following figure.


 cm^2

37. The perimeter of the shaded square is one third the perimeter of the rectangle. What is the length of each side of the shaded square?


 cm

The following table shows the menu of Muntucky Restaurant.
 Study the menu carefully and answer questions 38 and 39.

Menu	
Items	Price
1 Chicken Burger	\$ 4.80
1 Large Fries	\$ 2.70
1 Large Coke	\$ 1.60

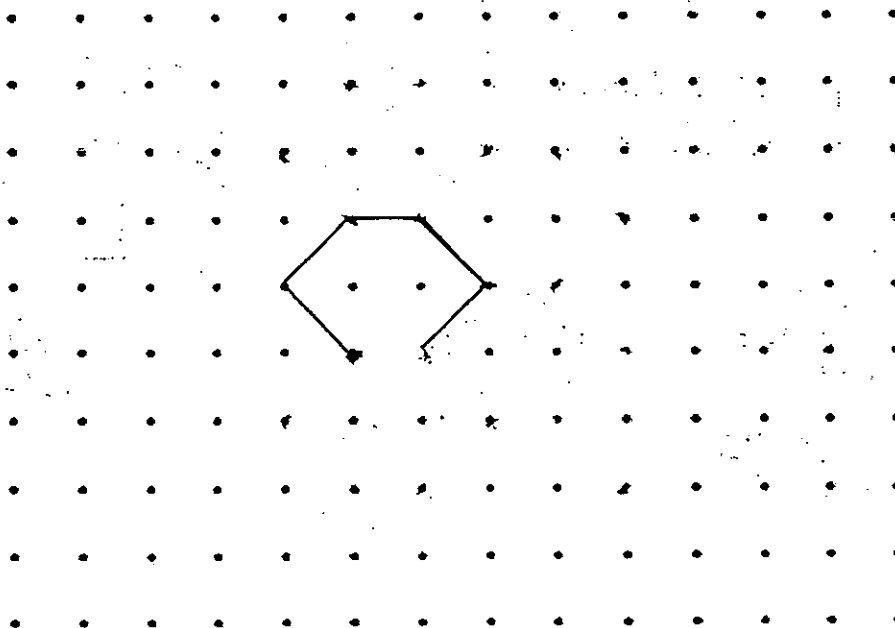
38. Daythan had \$10. He bought 1 Chicken burger and a large coke.
 How much money did he have left?

\$

39. Leslie bought 2 large fries and 1 large coke. He had \$8 left.
 How much money did he have at first?

\$

40. Tessellate the shape in the space provided by drawing 4 more unit shapes.



Section C (5 × 4 marks)

Work out the following sums carefully. Show each step of your working clearly as marks will be given for working and relevant statements.

41. Andrew has \$75. He bought 3 bags at \$17.50 each and spent part of the remaining money on 6 books. If he had \$3.30 left, how much did each book cost?

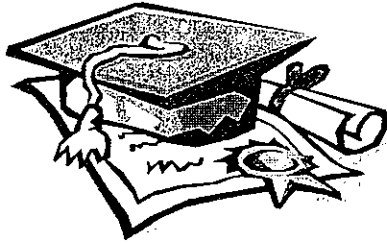
42. Mr Jones paid a total of \$240 for 6 crates of strawberries and 8 crates of pears. If each crate of strawberries costs twice as much as a crate of pears, find the cost of 9 crates of strawberries.

43. Jason had 180 stamps more than Xavier at first. After Jason had lost 220 of his stamps, Xavier had thrice as many stamps as Jason. Find the number of stamps Jason had at first?

44. James invited 5 friends to his birthday party. Each friend shook hands once with each of the other at the party. How many times did they shake hands?

45. In a class, $\frac{2}{5}$ of the pupils liked golf and $\frac{7}{9}$ of the remaining pupils liked tennis. The rest of the pupils liked soccer. If there were 12 more pupils who liked golf than soccer, how many pupils were there in the class altogether?

End of Booklet B

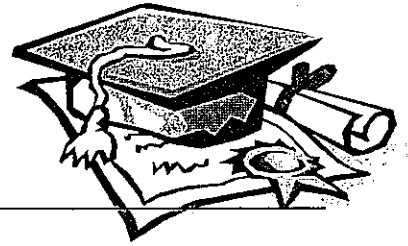


ANSWER SHEET

EXAM PAPER 2010

**SCHOOL : ACS PRIMARY
SUBJECT : PRIMARY 4 MATHEMATICS**

TERM : SA2



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

Q18	Q19	Q20
1	3	2

21) Fourteen thousand and ninety-eight

22) 28877

23) 578

24) 1.57

25) 0.806, 0.68, 0.608

26) 63.36

27) $5/8$

28) $2/15, 2/3, 13/15$

29) 96 cards

30) 1260m

31) 5cm

32) 42°

33) EF

34) West

35) 25 weeks

36) 671cm^2

37) 4cm

38) \$3.60

38) \$15

39) \$15

40)

41) $17.50 \times 3 = 52.50$

$75.00 - 52.50 = 22.50$

$22.50 - 3.30 = 19.20$

$19.20 \div 6 = \$3.20$

Each book cost \$3.20

42) $20u \rightarrow 240$

$1u \rightarrow 12$

1 strawberry \rightarrow \$24

9 strawberry \rightarrow \$216

9 crates of strawberries cost \$216.

43) $220 - 180 = 40$

$40 \div 2 = 20$

$20 + 220 = 240$

44) They shook hands is 15 times.

45) There are 45 pupils in the class altogether.

