

# Anglo-Chinese School (Junior)



## SEMESTRAL ASSESSMENT 2 (2018)

### PRIMARY 3

### MATHEMATICS

#### Booklet A

Monday

29 October 2018

1 h 45 min

Name: \_\_\_\_\_ ( ) Class: 3.( )

#### 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 18 questions in this booklet.
- 4 Answer ALL questions.
- 5 Shade your answers in the Optical Answer Sheet (OAS) provided.



## **Section A**

Questions 1 to 6 carry 1 mark each. Questions 7 to 18 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). (30 marks)

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1. In 9167, the value of the digit 6 is \_\_\_\_\_.

- 1) 6
- 2) 60
- 3) 600
- 4) 6000

2. What is the value of 3 thousands, 5 hundreds and 2 ones?

- 1) 352
- 2) 3052
- 3) 3502
- 4) 3520

3. What is the missing number in the number pattern?

3413, 3403, 3393, \_\_\_\_\_, 3373

- 1) 3363
- 2) 3383
- 3) 3403
- 4) 3483

4. Which of the following has the same value as  $8 \times 6$ ?

- 1)  $6 + 6 + 6 + 6 + 6 + 6 + 6 + 6$
- 2)  $8 + 8 + 8 + 8 + 8 + 8 + 8 + 8$
- 3)  $6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6$
- 4)  $8 \times 8 \times 8 \times 8 \times 8 \times 8$

5. Which of the following is the same as 2 m 9 cm?

- 1) 29 cm
- 2) 209 cm
- 3) 2009 cm
- 4) 2090 cm

6. Which of the following fractions is not in its simplest form?

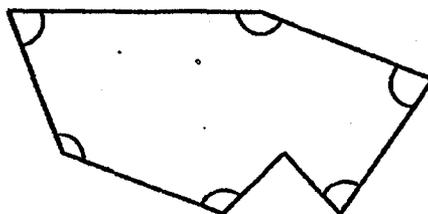
- 1)  $\frac{2}{5}$
- 2)  $\frac{4}{9}$
- 3)  $\frac{6}{10}$
- 4)  $\frac{7}{12}$

7.  $\boxed{?} + 9 = 23 \text{ R } 5$

What is the missing number in the box?

- 1) 202
- 2) 207
- 3) 212
- 4) 252

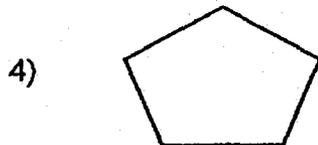
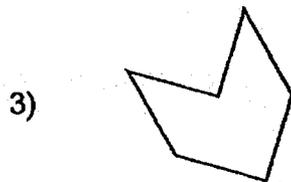
8. Six angles are marked inside the figure. How many of them are acute angles?



- 1) 1
  - 2) 2
  - 3) 3
  - 4) 4
9. Lisa baked 3050 cookies. She baked 525 cookies more than Jody.  
How many cookies did Jody bake?

- 1) 2425
- 2) 2525
- 3) 3425
- 4) 3525

10. Which figure has more than one pair of parallel lines?



11. Arrange the fractions from the smallest to the greatest.

$$\frac{5}{9} \quad \frac{1}{2} \quad \frac{2}{3}$$

Smallest

Greatest

1)  $\frac{1}{2}$ ,  $\frac{2}{3}$ ,  $\frac{5}{9}$

2)  $\frac{5}{9}$ ,  $\frac{1}{2}$ ,  $\frac{2}{3}$

3)  $\frac{2}{3}$ ,  $\frac{5}{9}$ ,  $\frac{1}{2}$

4)  $\frac{1}{2}$ ,  $\frac{5}{9}$ ,  $\frac{2}{3}$

12. Mimi bought a dress which costs \$28.70. She gave the cashier three \$10 notes. How much change did she receive?

- 1) \$ 1.30
- 2) \$ 2.70
- 3) \$18.30
- 4) \$18.70

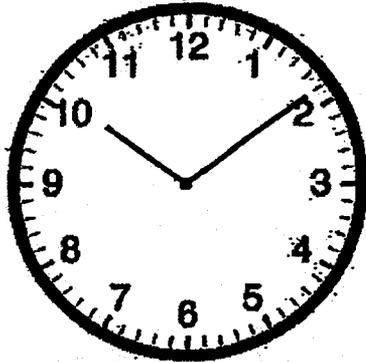
13. Adrian took 70 minutes to complete a race. Ranny reached the finishing line 12 minutes before Adrian. What was the total time taken by the two boys?

- 1) 1 hr 22 minutes
- 2) 1 hr 28 minutes
- 3) 1 hr 52 minutes
- 4) 2 hr 8 minutes

14. John bought 2 kg of grapes. He threw away 98 g of rotten grapes. What was the mass of grapes left?

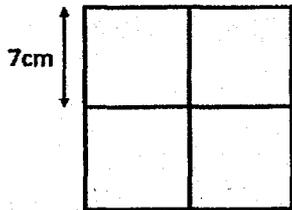
- 1) 1 kg 2 g
- 2) 1 kg 20 g
- 3) 1 kg 902 g
- 4) 2 kg 98 g

15. The clock shown below is 15 minutes faster. What is the actual time then?



- 1) 9.54 a.m.
- 2) 10.09 a.m.
- 3) 10.24 a.m.
- 4) 1.10 a.m.

16. The figure below is made up of 4 identical squares. The length of each square is 7cm. What is the area of the figure?

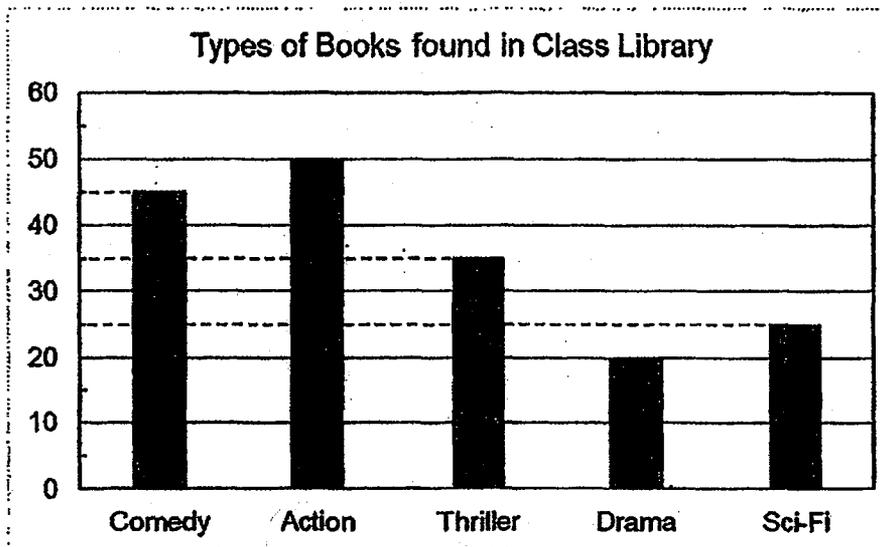


- 1)  $7\text{cm}^2$
- 2)  $49\text{cm}^2$
- 3)  $56\text{cm}^2$
- 4)  $196\text{cm}^2$

17. Mrs Chen has 347 cupcakes. She wants to pack all the cupcakes into boxes. Each box contains 8 cupcakes. What is the least number of boxes Mrs Chen need to pack all the cupcakes?

- 1) 40
- 2) 43
- 3) 44
- 4) 46

18. The table shows the number of different types of books in a Class Library.



What is the total number of Comedy and Sci-Fi books in the Class Library?

- 1) 45
- 2) 70
- 3) 80
- 4) 175

End of Booklet A

THE UNIVERSITY OF CHICAGO  
DIVISION OF THE PHYSICAL SCIENCES  
DEPARTMENT OF CHEMISTRY

PHYSICAL CHEMISTRY

LECTURE NOTES

BY

PROFESSOR

ROBERT M. MAYER

AND

ASSISTANT PROFESSOR

JOHN D. JOHNSON

CHICAGO, ILLINOIS

1963

# Anglo-Chinese School (Junior)



## SEMESTRAL ASSESSMENT 2 (2018)

### PRIMARY 3 MATHEMATICS

#### Booklet B

**Monday**

**29 October 2018**

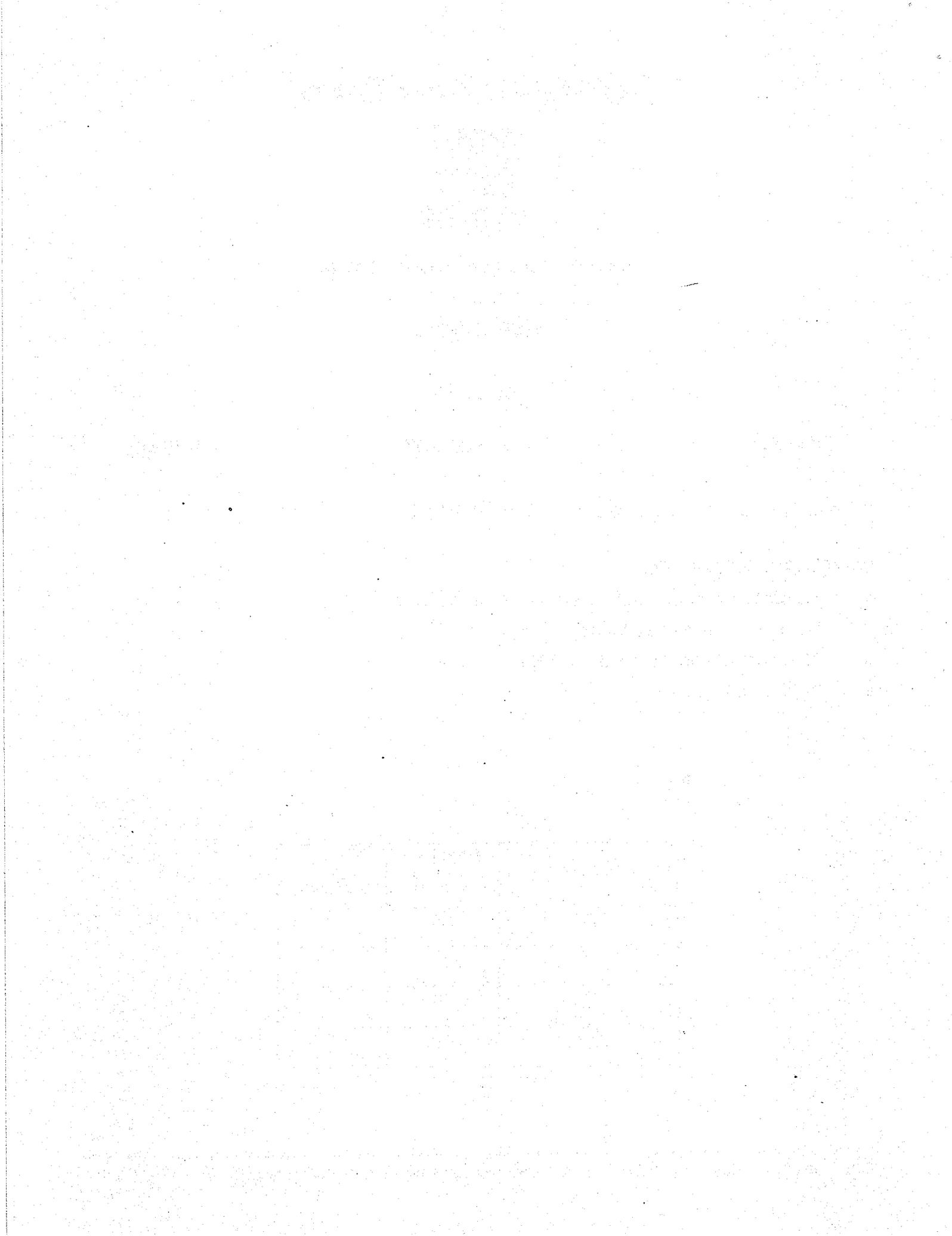
**1 h 45 min**

Name: \_\_\_\_\_ ( ) Class: 3.( )

#### 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 24 questions in this booklet.
- 4 Answer ALL questions.

Section	Possible Marks	Marks Obtained
A	30	
B	30	
C	20	
Total	80	



**Section B**

Questions 19 to 24 carry 1 mark each. Questions 25 to 36 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. (30 marks)

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19. Write eight thousand and forty-five in numerals.

20. Find the sum of 1359 and 3734.

21. Find the product of 709 and 9.

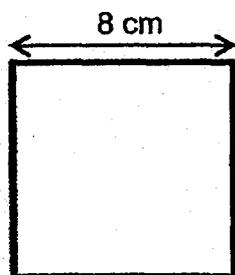
22. What is 6512 g in kg and g?

_____ kg _____ g
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23. What is the difference between  $\frac{5}{12}$  and  $\frac{1}{3}$  ?

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24. One side of a square is 8 cm. What is the perimeter of the square?



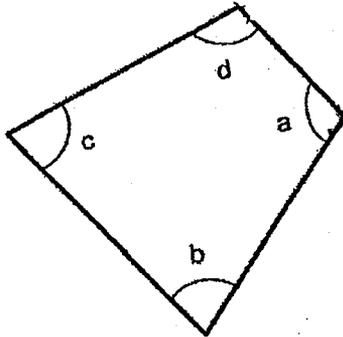
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25.  $\frac{1}{4} + \frac{5}{12} = \frac{\boxed{?}}{3}$

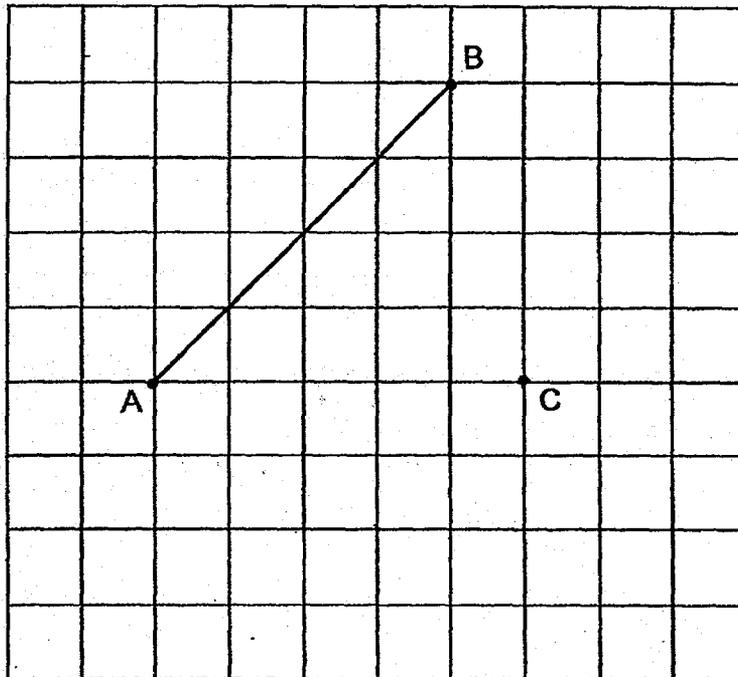
What is the missing number in the box?

26. In the figure below, there are 4 marked angles a, b, c and d. Which of these angles are larger than a right angle?



27. Mr Tan had 756 stickers. All the stickers were shared equally among 7 students. How many stickers did each student get?

28. Draw a line passing through point C parallel to line AB.



29. Peter has 2708 Singapore stamps. He has 995 more foreign stamps than Singapore stamps. How many stamps does Peter have altogether?

30. Use the digits 0, 3, 7 and 8 to form the greatest odd number between 3000 and 8000. Each digit can only be used once.

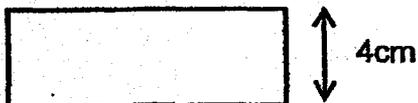
31. The difference between two numbers is 2169. The smaller number is 980. What is the sum of the two numbers?

32. Mabel had some beads. She used 248 beads to make some necklace and 135 beads to make some bracelets. She had 78 beads left. How many beads did she have at first?

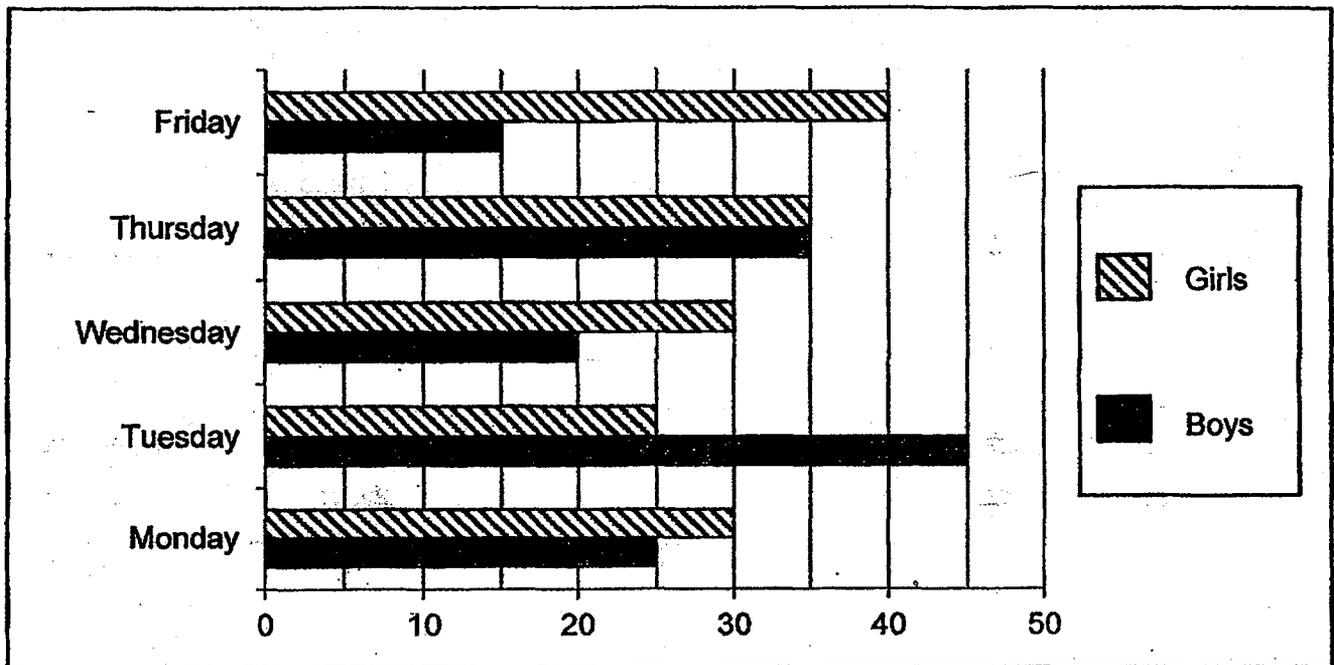
33. Ali bought a pair of soccer boots. He paid with seven ten-dollar note, three two-dollar notes and three twenty-cent coins. How much was the pair of soccer boots?

34. Jennifer read 5 books in 3 hours. For the first 4 books, she took 25 minutes to read each book. How many minutes did she take to read the 5th book?

35. The breadth of a rectangle is 4 cm. The length is 3 times its breadth. What is the area of the rectangle?



36. The bar graph shows the number of boys and girls at the canteen from Monday to Friday.



- a) How many more girls are there on Thursday than on Tuesday?

- b) Which day has the greatest difference between the number of boys and girls?

**Section C**

For questions 37 to 42, 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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37. The total mass of Aaron and Ben is 105 kg. The total mass of Cedric and Ben is 131 kg. What is Ben's mass given that the total mass of the 3 boys is 184 kg?

Ans: \_\_\_\_\_ [3]

38. Mr Lim had 56 chickens and some ducks. He sold 24 ducks. He then had 3 times as many ducks as chickens. How many ducks did Mr Lim have at first?

Ans: \_\_\_\_\_ [3]

39. Sam has 4 times as many marbles as Lincoln. Muthu has 28 more marbles than Lincoln. Sam and Lincoln have 395 marbles altogether. How many marbles does Muthu have?

Ans: \_\_\_\_\_ [3]

40. Justina has an equal number of blue and red paper strips. Each blue strip is 2 cm long and each red strip is 5 cm long. The total length of all the blue and red strips is 84 cm. How many blue strips are there?

Ans: \_\_\_\_\_ [3]

41. Adam bought some packets of raisins at a shop. A packet of raisins cost \$3. 2 packets of raisins were given free for every 5 packets bought. Adam walked out of the shop with a total of 16 packets.

a) How many packets of raisins were given to Adam for free?

b) How much did Adam spend in total?

Ans: (a) \_\_\_\_\_ [1]

(b) \_\_\_\_\_ [3]

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42. Leslie buys 2 similar coats and a shirt for \$532. A coat costs three times as much as a shirt.

- a) What is the cost of a shirt?
- b) How much do the two coats cost altogether?

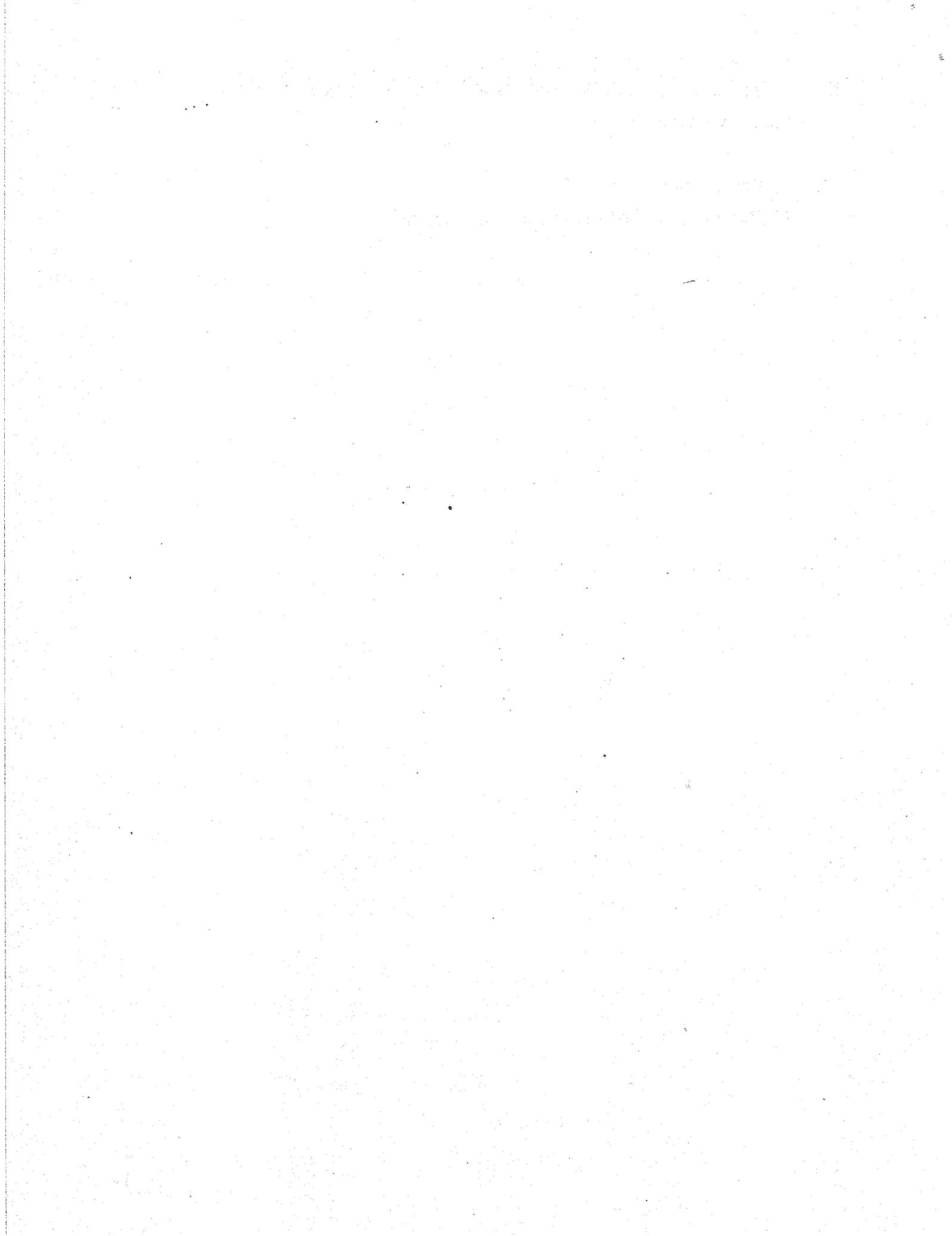
Ans: (a) \_\_\_\_\_ [2]

(b) \_\_\_\_\_ [2]

**End of Booklet B**

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Sub-Total :



EXAM PAPER 2018 (P3)

SCHOOL : ACS

SUBJECT : MATHEMATICS

TERM : SA2

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

19)8045

20)5093

21)6381

22)6kg 512g

23)1/12

24)32cm

25)2

26)2

27)108

28)

29)6411

30)7803

31)4129

32)461

33)\$76.60

34)80 min

35)48cm<sup>2</sup>

36)a) 10

b)Friday

37)105 + 131 = 236

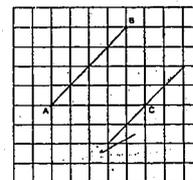
236 - 184 = 52 kg

38)192

39)395 ÷ 5 = 79

79 + 28 = 107

28. Draw a line passing through point C parallel to line AB.



40)12

41)a)4

b)\$36

42)a)532  $\div$  7 = \$76

b)76 x 6 = \$456