Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 2 (2009)
PRIMARY 3

MATHEMATICS
BOOKLET A

Friday **30 October 2009** **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:_____

Parent's Signature :_____

This question paper consists of 10 printed pages. (Inclusive of cover page)

Section A (20 x 2 marks each)

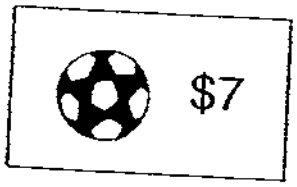
For each of the following questions, four options are given. Choose the correct answer (1, 2, 3 or 4) and shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS).

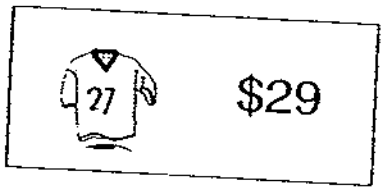
1. In which of the numeral does the digit 5 stand for 500?

   (1) 2750
   (2) 5009
   (3) 6548
   (4) 9005

2. The value of 9603 is the same as _____.

   (1) 96 + 3
   (2) 900 + 600 + 3
   (3) 9000 + 60 + 3
   (4) 9000 + 600 + 3

3. 



   John bought 8 balls and 2 t-shirts. How much did he spend in all?

   (1) $36
   (2) $56
   (3) $85
   (4) $114

4. 6 x 7 = ☐ x 7 + 7 + 7. Find the missing number in the box.

   (1) 21
   (2) 28
   (3) 3
   (4) 4

5. 90 tens more than 8680 is _____.

(1) 7780
(2) 8590
(3) 8770
(4) 9580

6. 3005 is _____ more than 1284.

(1) 1721
(2) 2821
(3) 3389
(4) 4289

7. Joseph shared 840 pencils equally with his seven friends. How many pencils did each person get?

(1) 102
(2) 105
(3) 120
(4) 150

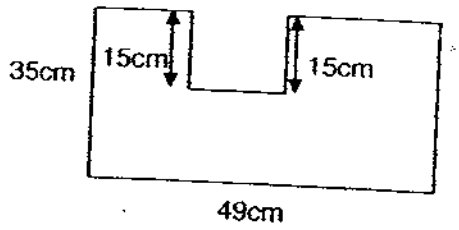
8. Anna is 20 years old. She is twice as old as her sister. How old will she be when her sister is 21 years old?

(1) 21
(2) 31
(3) 41
(4) 61

9. A certain number of boys bought a present for a friend. The present costs $105. If each boy paid $7, how many boys shared the cost of the present?

(1) 15
(2) 55
(3) 730
(4) 735

10.



What is the perimeter of the figure?

(1) 99 cm
(2) 129 cm
(3) 168 cm
(4) 198 cm

11. The height of your classroom door is approximately _____.

(1) 2 m
(2) 20 cm
(3) 200 m
(4) 20 m

12. 3539m + 1563m = _____

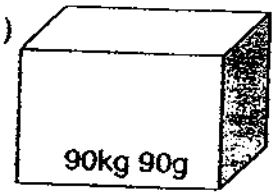
(1) 5 km 12 m
(2) 5 km 102 m
(3) 51 km 2 m
(4) 510 km 2 m

13. John uses 3 cups of oil. Each cup contains 70m ℓ of oil. If he had 4 ℓ of oil at first, how much oil was left?

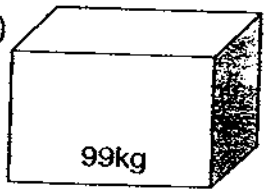
(1) 210 m ℓ
(2) 330 m ℓ
(3) 3 ℓ 930 m ℓ
(4) 3 ℓ 790 m ℓ

14. Which box has the heaviest mass?

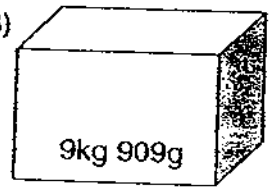
(1)



(2)



(3)



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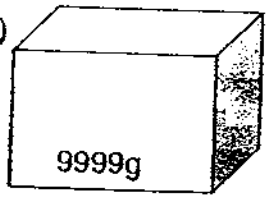
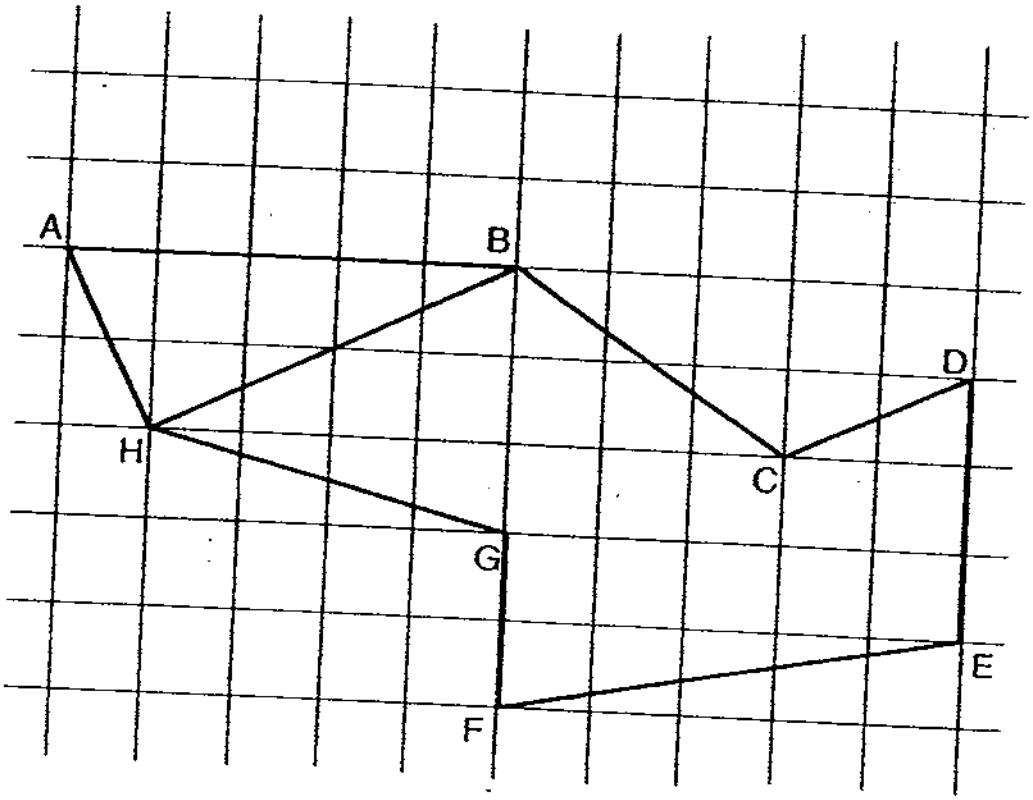


15. Look at the figure below.



Which pair of lines is parallel?

(1) HB // CD
(2) HG // BC
(3) CD // FE
(4) AH //BC

16. Arrange the fractions in order, beginning with the greatest.

$$\frac{5}{12}, \frac{3}{4}, \frac{1}{2}$$

(1) $\frac{5}{12}, \frac{3}{4}, \frac{1}{2}$

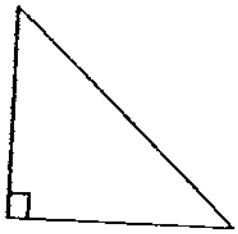
(2) $\frac{1}{2}, \frac{5}{12}, \frac{3}{4}$

(3) $\frac{3}{4}, \frac{1}{2}, \frac{5}{12}$

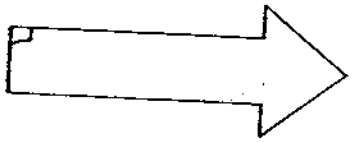
(4) $\frac{5}{12}, \frac{1}{2}, \frac{3}{4}$

17. Which figure does **not** have a right angle **inside**?

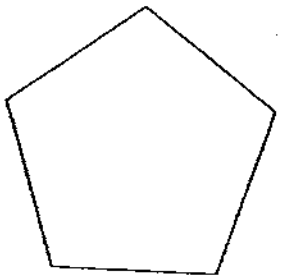
(1)



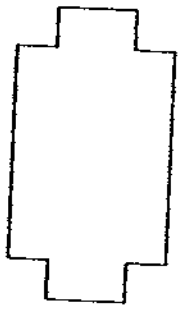
(2)



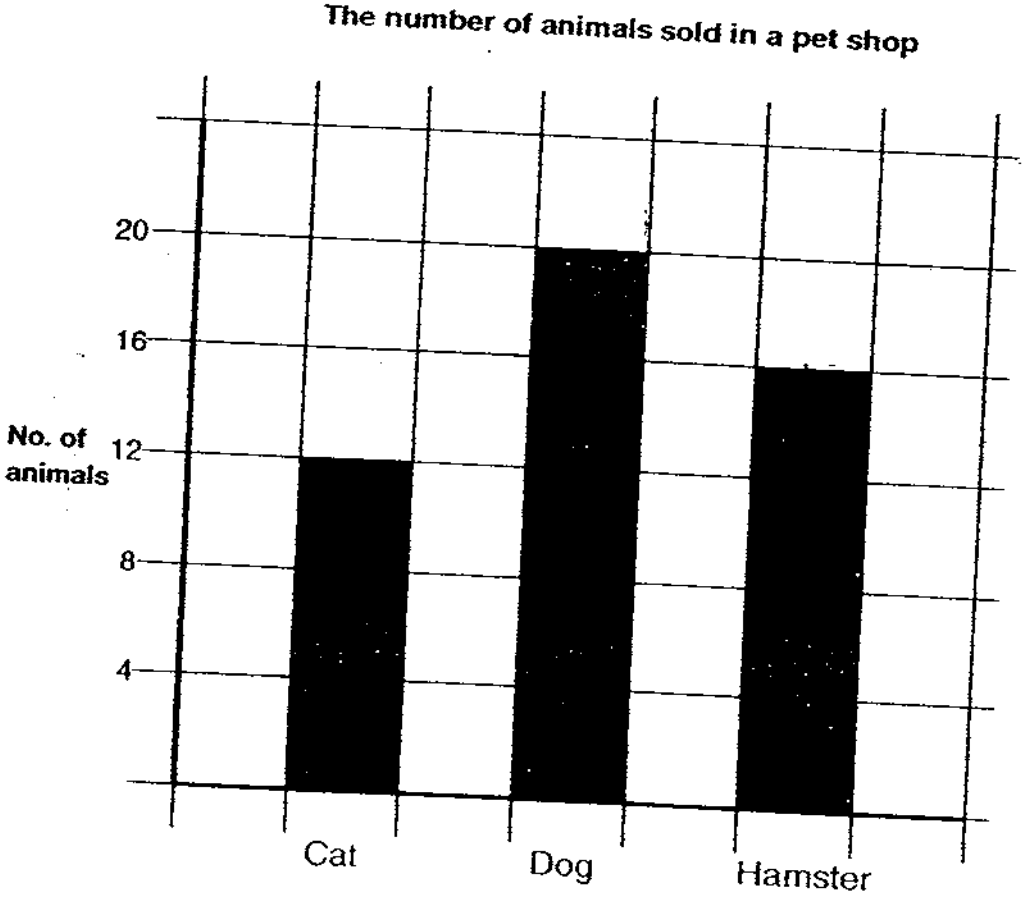
(3)



(4)



18. The graph below shows the number of animals sold in a pet shop.



How many more dogs than cats were sold?

(1) 20
(2) 12
(3) 8
(4) 4

19. 100 min + 75 min = _____

(1) 1 hr 75 min
(2) 1 hr 25 min
(3) 2 hr 25 min
(4) 2 hr 55 min

20. Which fraction is **NOT** an equivalent fraction to $\frac{3}{4}$?

(1) $\frac{6}{8}$

(2) $\frac{4}{12}$

(3) $\frac{9}{12}$

(4) $\frac{12}{16}$

END OF BOOKLET A

Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 2 (2009)
PRIMARY 3

MATHEMATICS
BOOKLET B

Friday **30 October 2009** **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:.....

Booklet	Possible Marks	Marks Obtained
A	40	
B	60	
TOTAL	100	

Parent's Signature :_____

This question paper consists of 11 printed pages. (Inclusive of cover page)

Section B (20 x 2 marks each)

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

21. I am a number with the digits 6, 7, 8 and 9.

I am the smallest possible number between 7500 and 9500.

What number am I?

22. Subtract 4050 from 9600.

23. $72 \div 8 = \square \div 6$

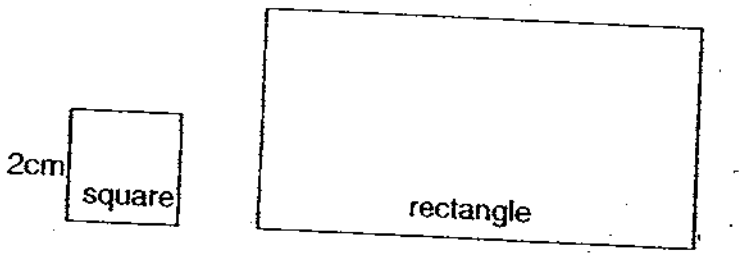
24. When 685 is divided by 7, the remainder is _____.

25. I think of a number which is less than 50. It can be divided exactly by 9 or 6. If I divide it by 5, I have a remainder of 1. What is my number?

26. Mark and Joshua saved a total of $109.35. If Mark saved $86.70, how much did Joshua save?

$

27. The total area of a square of side 2 cm and a rectangle is 24 cm^2. The length of the side of the square is half the breadth of the rectangle. Find the perimeter of the rectangle.



cm

28. After pouring an equal amount of water into 3 glasses, there was 50 mℓ of water left in the bottle. If each glass had 330 mℓ of water, how much water was there in the bottle at first?

_____ ℓ _____ mℓ

29. A show ended at 12.20 a.m. If the show is 2 hours and 5 minutes long, what time did it start?

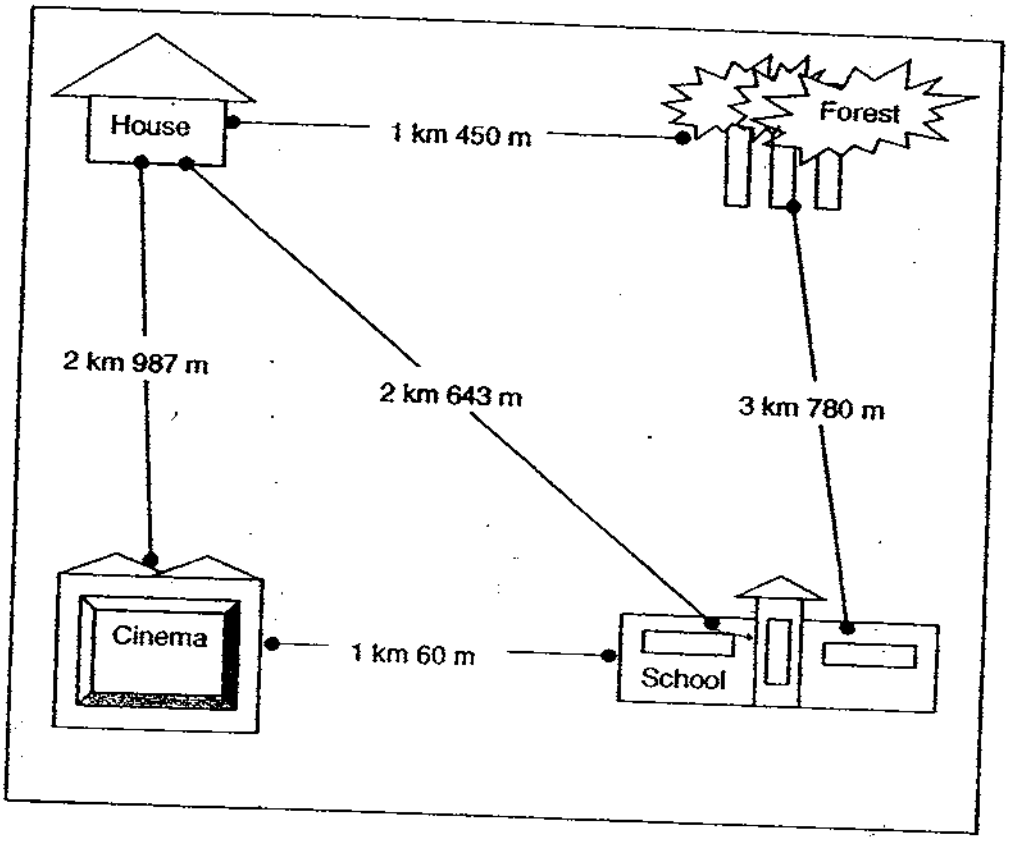
p.m.

30. The travelling time between town A and town B is 3 hours and 43 minutes. A man started his journey at 11.45 a.m. from town A. At what time did he arrive in town B?

p.m.

31. Cindy ate $\frac{1}{4}$ of a cake. Jane ate $\frac{1}{3}$ of the same cake. What fraction of the cake was left?

Study the map below and answer questions 32 and 33.



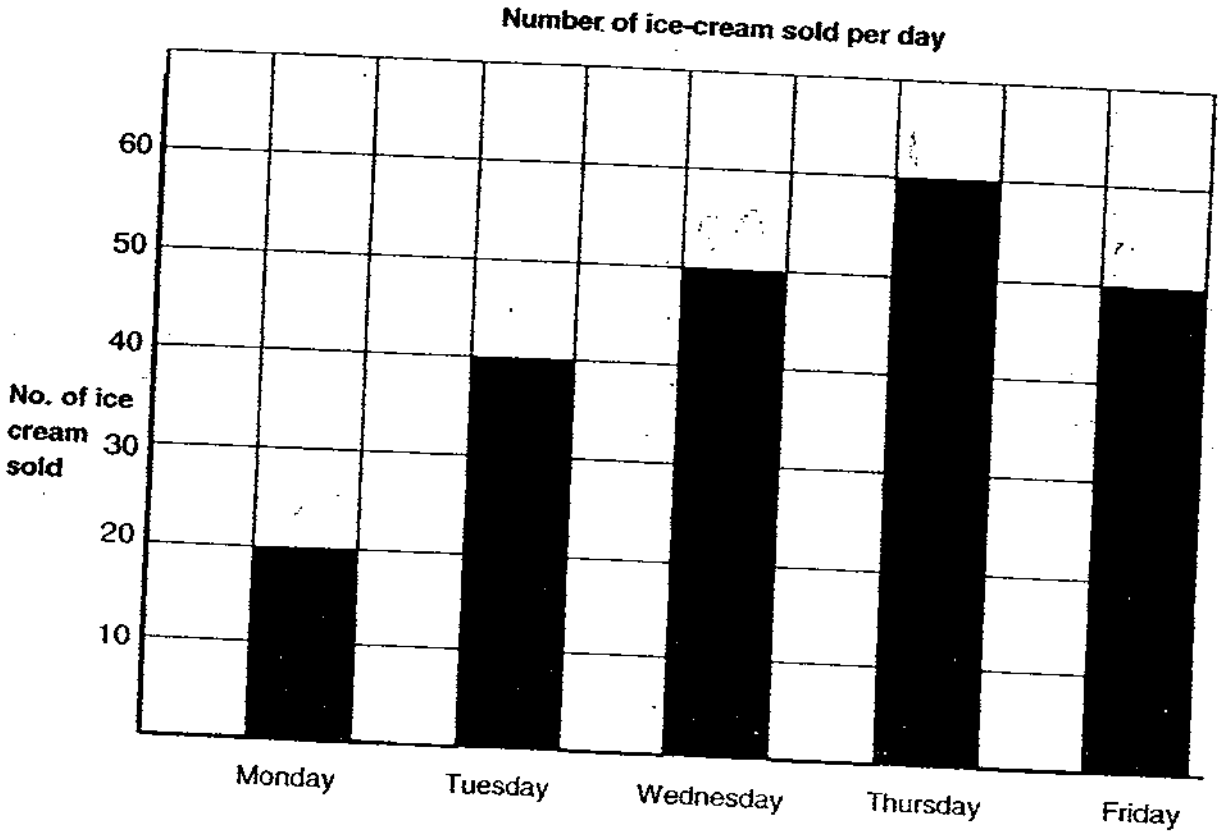
32. The shortest distance between the cinema and the forest is _____ m.

m

33. What is the total distance travelled if John walks from the house to the forest and to school before coming back to the house again?

m

The bar graph below shows the number of ice-cream sold from Monday to Friday. Study the graph carefully and answer questions 34 and 35.



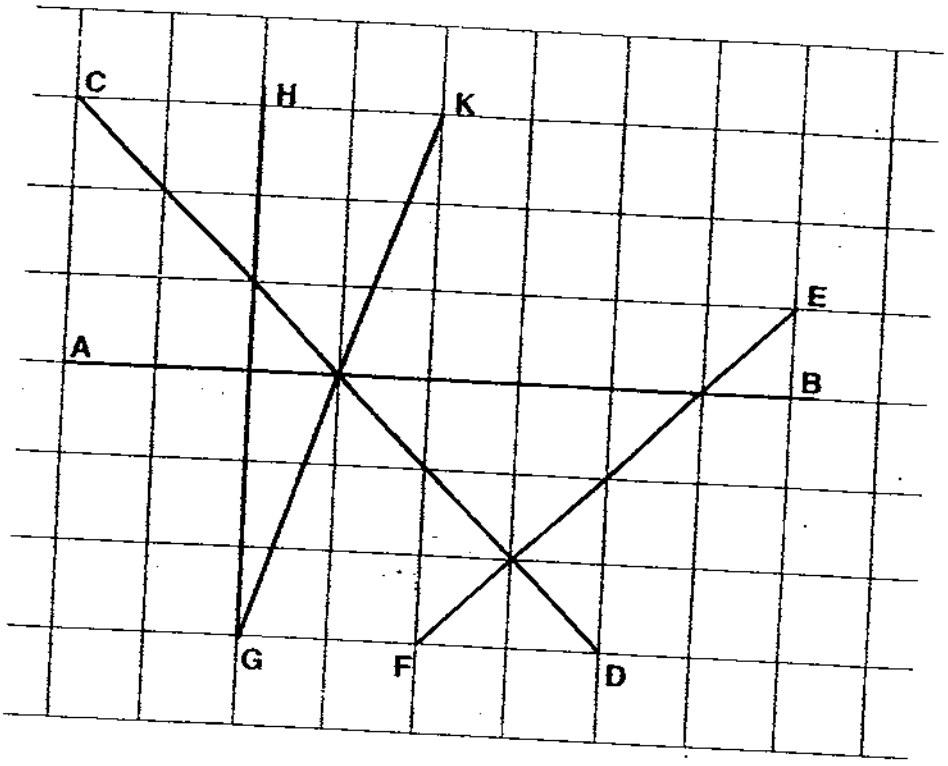
34. Which two days have the same number of ice cream sold?

_____and _____

35. If each ice cream costs $2, how much is collected for all 5 days?

$

36. Look at the diagram below, how many pairs of perpendicular lines are there?



37. Jack's father weighs 3 times as much as Jack. If Jack's father weighs 84kg, what is their total mass?

kg

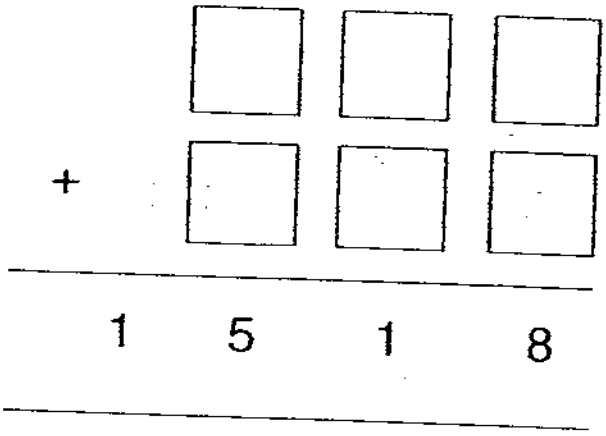
38. The area of a square is $64cm^2$. What is the perimeter of the square?

cm

39. Jack spent \$62. If he had $\frac{1}{3}$ of his money left, how much did Jack have at first?

\$ ____

40. Fill in each box with the digit 3, 4, 5, 6, 7 or 8. Use each digit only once.



Section C (5 x 4 marks)

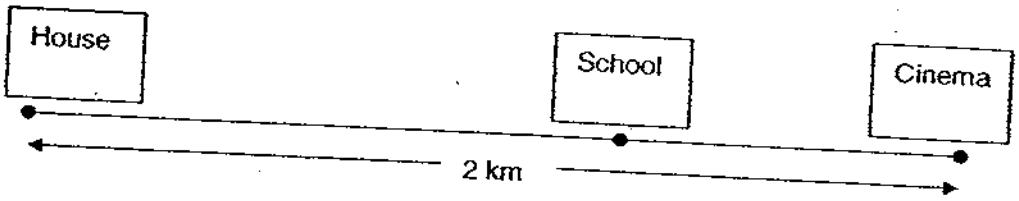
Work out the following sums carefully. Show each step of your working clearly as marks will be given for working and relevant statements.

41. Jane saved $120 per month. Amy saved $330 per month. They saved their money over 7 months. How much more did Amy save than Jane after 7 months?

42. A fish tank can hold 2 ℓ of water. A pail can hold 725 mℓ of water. When John poured 3 full pails of water into the fish tank, some of the water overflowed. How much water flowed out of the tank?
(Give your answer in ℓ and mℓ)

43. There are a total of 12 chickens and cows in a farm. If there are 40 legs altogether, how many of each type of animals are there?

44. Amy wanted to find out the distance from her house to the cinema.



The distance from her house to the cinema is 4 times the distance from the school to the cinema. The distance from the cinema to the house is 2 km.

(a) What is the distance from the school to the cinema?
(b) What is the distance from the house to the school?

45. Ben has 20 more marbles than David. How many marbles must Ben give to David so that Ben will have 4 more marbles than David?

END OF BOOKLET B

Answer Ke

EXAM PAPER 2009

SCHOOL : ACS HIGH PRIMARY
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA2

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

Q18	Q19	Q20
3	4	2

21)7689 22)5550 23)54 24)6 25)36 26)$22.65 27)18cm

28)1L40ml 29)10.15p.m. 30)3.28p.m. 31)5/12 32)4h 337m

33)7873m 34)Wednesday and Friday 35)$440 36)2

37)112kg 38)32cm 39)$93 40)843+675=1518

41)7x120=840
Jane saved $840 after 7 months.
7x330=2310
Amy saved $2310 after 7 months.
2310-840=1470
Amy saved $1470 more than Jane.

42)725x3=2175
He pour 2L 175 ml into the tank.
2175-2000=175
0L 175ml flowed out of the tank.

43)There are 8 cows.
There are 4 chickens.

44)2000÷4=500
The distance from the school to the cinema is 500m
3x500=1500
The distance from the house to the School is 1km 500m.

45)20-4=16
16÷2=8
Ben must give David 8 marbles.