

Anglo-Chinese School (Junior)



SEMESTRAL ASSESSMENT 2 (2015)

PRIMARY 3

MATHEMATICS

Booklet A

Monday

2 November 2015

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

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. $8735 = \underline{\hspace{2cm}} + 700 + 30 + 5$

What is the missing number in the blank?

- (1) 8
- (2) 80
- (3) 800
- (4) 8000

2. Which of the following numbers can be divided by 5 and 8 exactly?

- (1) 35
- (2) 40
- (3) 45
- (4) 50

3. Which of the following is the same as 9130 m?

- (1) 9 km 13 m
- (2) 9 km 130 m
- (3) 91 km 3 m
- (4) 91 km 30 m

4. Four thousand and fifteen written as numeral is .

- (1) 4005
- (2) 4015
- (3) 4050
- (4) 4150

5. Express $\frac{12}{24}$ in the simplest form.

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

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

(3) $\frac{3}{6}$

(4) $\frac{4}{8}$

6. 3981 is 100 more than _____.

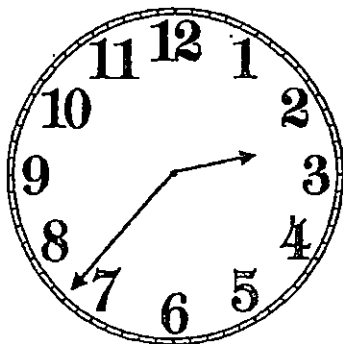
(1) 2981

(2) 3381

(3) 4081

(4) 4981

7. What is the time shown on the clock below?



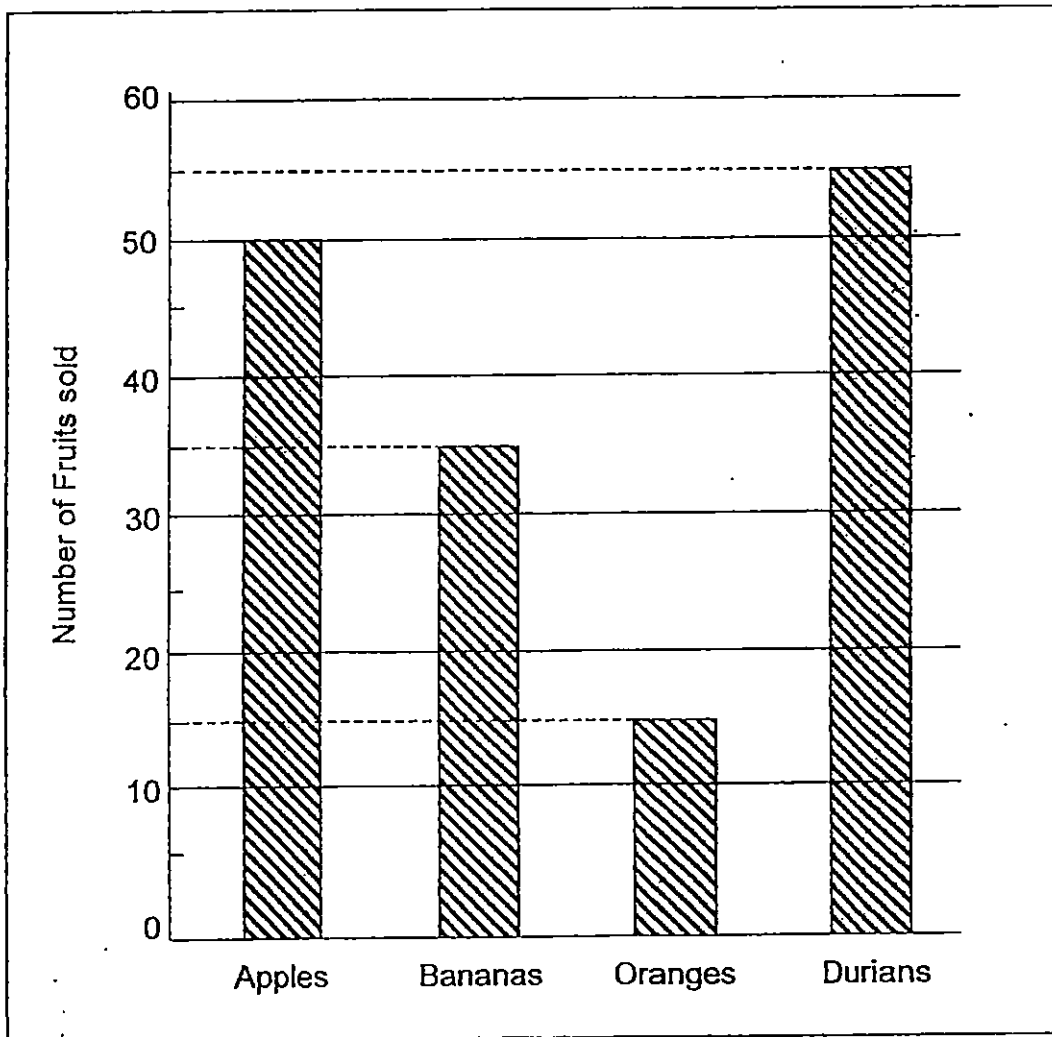
(1) 37 minutes to 2

(2) 23 minutes to 3

(3) 23 minutes past 2

(4) 37 minutes past 3

8. The graph below shows the number of different types of fruits sold at a market on Monday.



How many more bananas than oranges were sold that day?

- (1) 15
- (2) 20
- (3) 25
- (4) 30

9. Which of the following fraction is smaller than $\frac{5}{8}$?

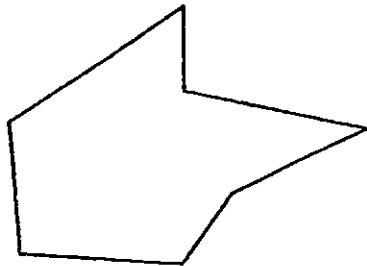
(1) $\frac{2}{3}$

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

(3) $\frac{3}{6}$

(4) $\frac{5}{7}$

10. How many obtuse angles are there inside the figure below?



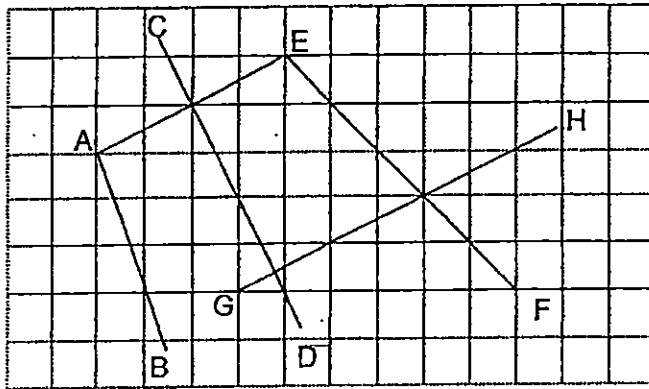
(1) 5

(2) 7

(3) 3

(4) 4

11. What line is perpendicular to AE?



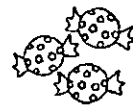
- (1) AB
- (2) CD
- (3) EF
- (4) GH

12. Alan has 842 stamps.
 Ryan has 238 fewer stamps than Alan.
 How many stamps do they have altogether?



- (1) 1080
- (2) 1318
- (3) 1446
- (4) 1922

13. Mrs Tan bought a packet of sweets. She gave away 16 sweets a day.
 After one week, there were 29 sweets left in the packet.
 How many sweets were there in the packet at first?



- (1) 83
- (2) 109
- (3) 112
- (4) 141

14. Mrs Chan had 4830 ml of orange juice. She poured all the orange juice into 6 bottles equally without spilling. How much orange juice was there in each bottle?
- (1) 85 ml
 - (2) 705 ml
 - (3) 805 ml
 - (4) 850 ml
15. Shanti had some candles. She sorted out the candles equally into packets of 3 and she had exactly 17 packets. She then repacked all the candles equally into boxes of 9 and she had some candles leftover. How many leftover candles were there?
- (1) 6
 - (2) 5
 - (3) 3
 - (4) 4
16. What is 3800 cents expressed in dollars?
- (1) \$0.38
 - (2) \$3.80
 - (3) \$38.00
 - (4) \$380.00
17. A packet of potato chips cost \$1.80 and a glass of fruit juice costs \$1.10. Kumar bought a packet of potato chips and a glass of fruit juice. In the end, Kumar had \$20.30 left. How much did he have at first?
- (1) \$2.90
 - (2) \$17.40
 - (3) \$18.50
 - (4) \$23.20

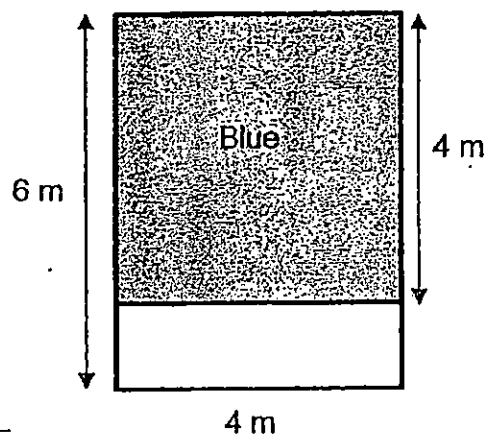
18. A bag of rice is four times as heavy as a bag of beans. The total mass of the bag of rice and the bag of beans is 20 kg. What is the mass of the bag of rice?

- (1) 5 kg
- (2) 12 kg
- (3) 16 kg
- (4) 4 kg

19. Vera bought 720 g of tomatoes. She had 185 g of tomatoes left after making 5 pizzas. She used an equal amount of tomatoes for each pizza. How many grams of tomatoes did she use for each pizza?

- (1) 107 g
- (2) 144 g
- (3) 170 g
- (4) 181 g

20. The wall of Kelly's bedroom is 6 m by 4 m. She paints a part of the wall blue. What is the area of the wall that is not painted?



- (1) 8 m^2
- (2) 12 m^2
- (3) 16 m^2
- (4) 24 m^2

End of Booklet A

Anglo-Chinese School (Junior)



SEMESTRAL ASSESSMENT 2 (2015)

PRIMARY 3 MATHEMATICS

Booklet B

Monday

2 November 2015

1 h 45 min

Name: _____ () Class: 3.() Parent's Signature: _____

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 14 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. Arrange the following numbers in order, beginning from the smallest to the greatest.

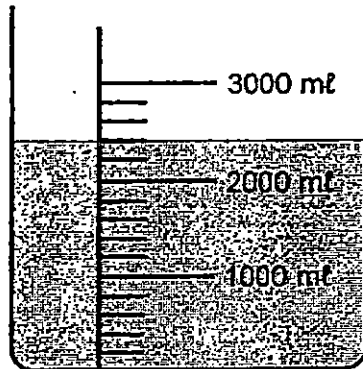
7804, 7480, 7084, 7840

smallest

22. $2817 + 768 =$

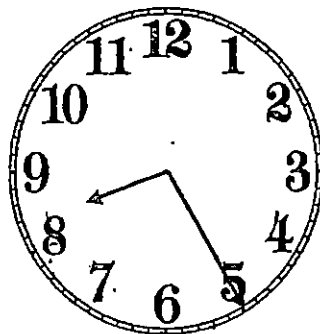
23. Divide 754 by 4. What is the remainder?

24. What is the volume of the water in the beaker below?
Give your answer in litres and millilitres.



ℓ	ml
---	----

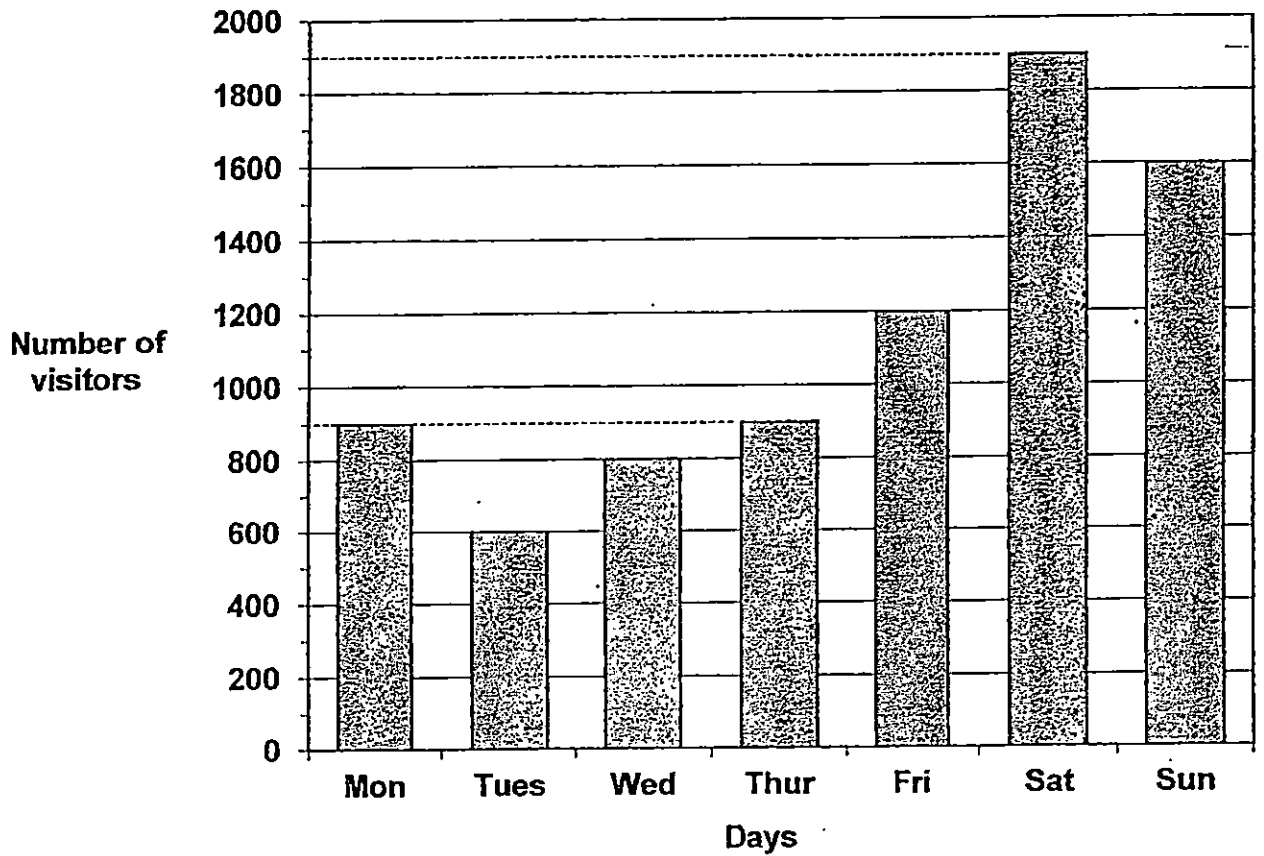
25. In the morning, the clock shown below is 15 minutes slower. What is the actual time?



--

--

26. The bar graph below shows the number of visitors at the Singapore Zoo over a period of 7 days.

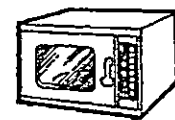


How many visitors went to the Zoo on Thursday and Sunday?

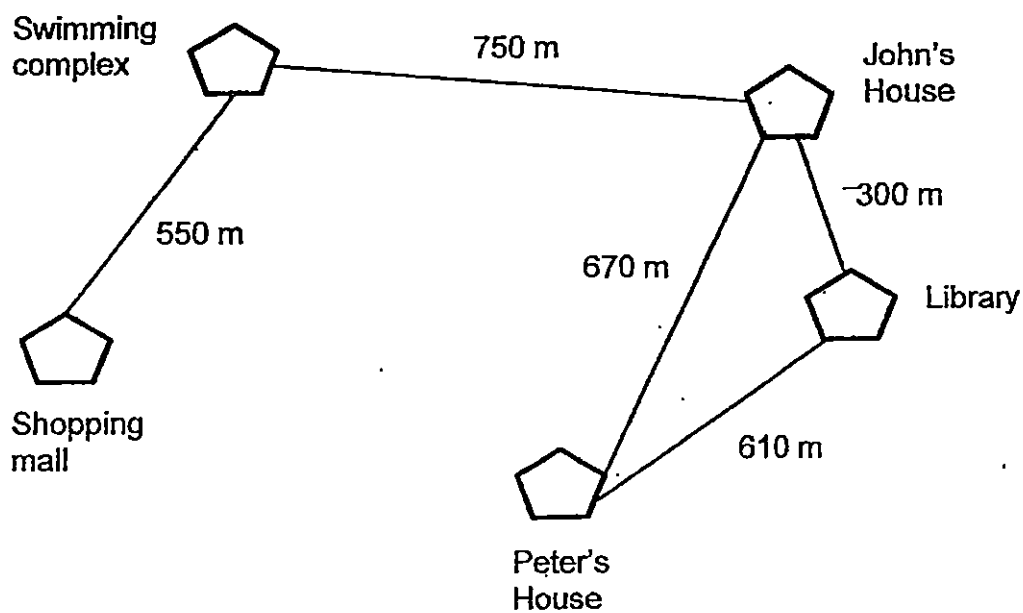
27. When I divide a number by 6, its quotient is also 6 and its remainder is 5.
What is the number?

28. The sum of two numbers is 2894.
The difference between the two numbers is 456.
What is the smaller number?

29. Jiamin has \$73.50.
She needed another \$29.60 to buy an oven.
How much does the oven cost?



Study the map below and answer questions 30 and 31.



30. What is the distance between the shopping mall and John's house?
Give your answer in kilometres and metres.

km ,	m
------	---

31. Peter wants to go to John's house. How much further must he travel if he visits the library before going to John's house, as compared to going directly from his house? Given your answer in metres.

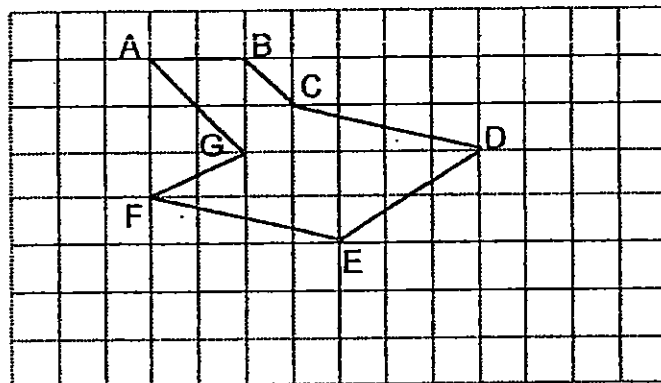
m

--

32. Jeremiah took a flight from Singapore to Bangkok.
 He left Singapore at 9.45 a.m. and arrived in Bangkok at 2.10 p.m.
 How long did the flight take? Give your answer in hours and minutes.

h	min
---	-----

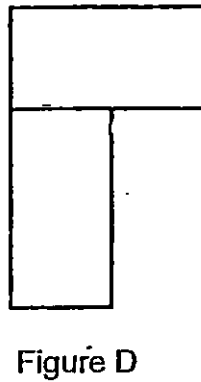
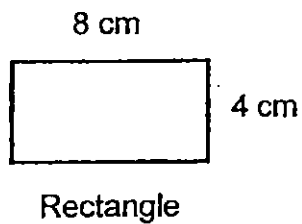
33. In the figure below, which line is parallel to CD?



Line

--

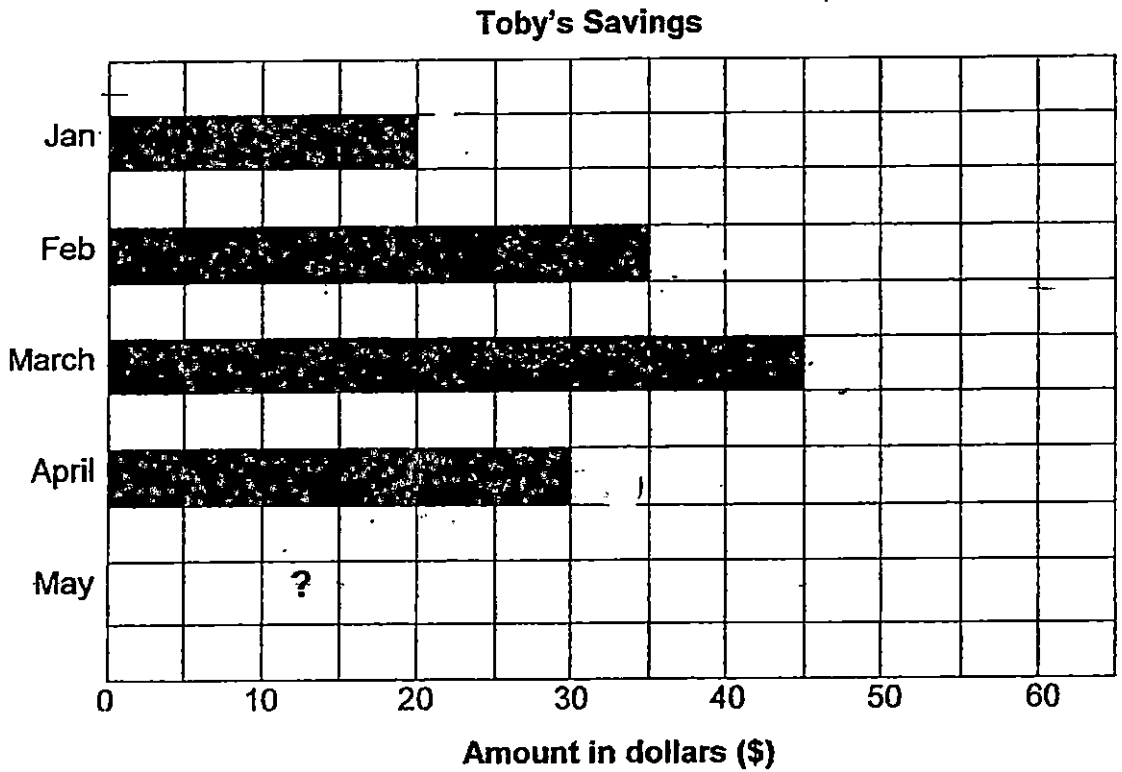
34. Figure D is made up of two identical rectangles as shown below.
The length of the rectangle is 8 cm and the breadth is 4 cm.
Find the perimeter of Figure D.



35. Noel has 400 marbles. He gave 45 marbles to George.
They both had the same number of marbles in the end.
How many marbles did George have at first?



36. The bar graph below shows Toby's savings over a period of 5 months.



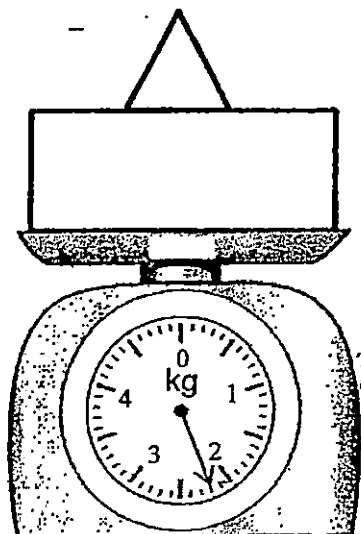
Toby saved a total of \$185 from January to May.
 How much money did he save in May?

\$

37. John saves \$4 a day while Ali saves \$3 a day.
 How much money would John have saved when Ali had saved \$141?

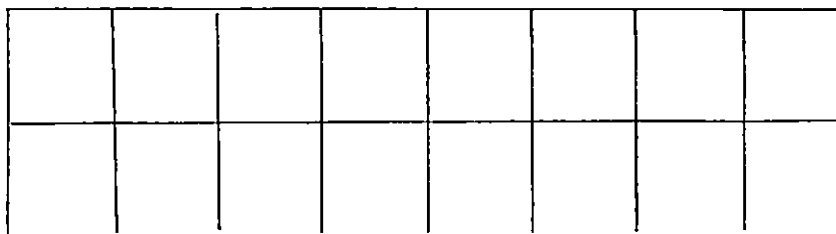
\$

38. The mass of a rectangular block and one triangle is as shown below. The mass of one triangle is 560 g. What is the mass of the rectangular block?

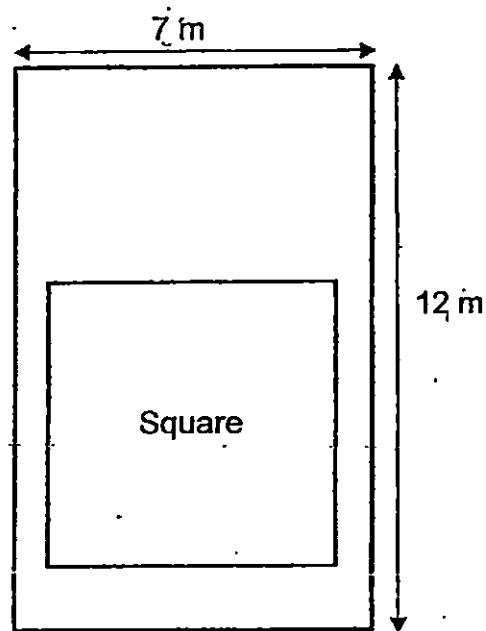


g

39. Shade $\frac{1}{4}$ of the figure below.



40. Mathilda bought a rectangular piece of paper that has a length of 12 cm and a breadth of 7 cm. She cut a square from the paper and had 48 cm² of paper left. What is the area of the square?



cm²

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 statements.
(20 marks)

41. Benson had 95 stickers. Alice had 3 times as many stickers as Benson.
- How many more stickers did Alice have than Benson?
 - How many stickers did Alice and Benson have altogether?
-
42. Mrs Lee bought 8 packets of milk from a shop. Each packet had an equal amount of milk. She poured all the milk from the packets into 6 bottles. Each bottle contained 680 ml of milk.
- What was the total amount of milk in the 6 bottles?
 - How much milk was there in each packet that Mrs Lee bought?

43. Jeremy had \$261 more than Kenneth. After Jeremy gave \$45 to Mary, he had three times-as much money as Kenneth.
- a) How much more money did Jeremy have than Kenneth in the end?
 - b) How much did Kenneth have?

44. There are 3 trees between every 2 lampposts along a straight road as shown below.
- a) If there is a total of 12 trees and lampposts along the road, how many lampposts are there?
 - b) If there is a total of 40 trees and lampposts along the road, how many trees are there?



45. The total length of String P, String Q and String R is 576 cm. The length of String P is thrice the length of String Q. String R is 29 cm shorter than that of String Q. What is the length of String Q?

End of Booklet B



EXAM PAPER 2015

LEVEL : PRIMARY 3

SCHOOL : ANGLO CHINESE SCHOOL (JUNIOR)

SUBJECT : MATHEMATICS

TERM : SA2

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

Q21. 7084 (smallest), 7480, 7804, 7840 Q22. $3585 \times 2817 + 768 = 3585$

Q23. 2 Q24. 2L400ml Q25. 8.40am Q26. 2500 Q27. 41

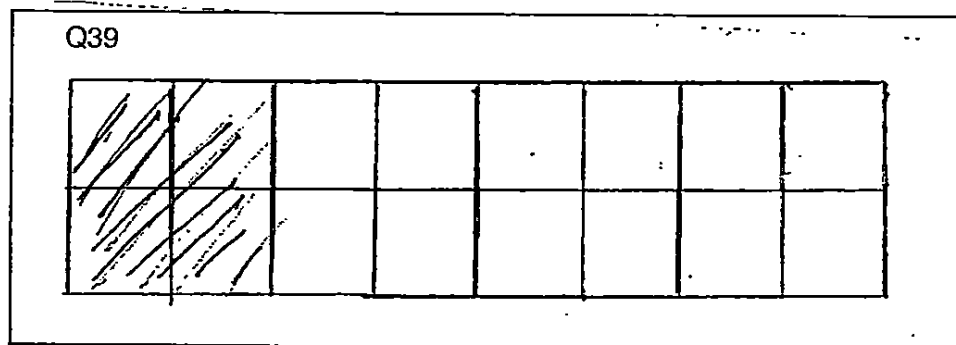
Q28. $1219 \rightarrow 2894 - 456 = 2438, 2438 \div 2 = 1219$ Q29. $\$103.10 \rightarrow 350 + 2960 = 103.10$

Q30. 1km 300m $\rightarrow 550 + 750 = 1300$ Q31. 240m $\rightarrow 910 - 670 = 240$

Q32. 4h 25min Q33. Line FE Q34. 40cm

Q35. 310 Q36. \$55 Q37. $4188 \rightarrow 141 \div 3 = 47, 47 \times 4 = 188$

Q38. $1640g \rightarrow 2200 - 560 = 1640ml$ Q39. SEE PICTURE.



Q40. $36cm^2 \rightarrow 12 \times 7 = 84, 84 - 48 = 36$

Q41a. 190 more stickers than Benson $\rightarrow 95 \times 3 = 285, 95 \times 2 = 190$

Q41b. 380 stickers altogether $\rightarrow 95 \times 4 = 380$

Q42a. 4L80ml $\rightarrow 680 \times 6 = 4080$ Q42b. 510ml $\rightarrow 4080 \div 8 = 510$

Q43a. $\$216 \rightarrow 261 - 45 = 216$ Q43b. $\$108 \rightarrow 216 \div 2 = 108$

Q44a. 3 lamppost Q44b. 30 trees $\rightarrow 40 \div 4 = 10, 10 \times 3 = 30$

Q45. $92 \rightarrow 29 \times 4 = 116, 576 - 116 = 460, 460 \div 5 = 92$