



**RAFFLES GIRLS' PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 2
2015**

Your Score Out of 100 marks	
Parent's Signature	

Name : _____ () Class: P3__

29 Oct 2015

MATHEMATICS

Att: 1 h 45 min

SECTION A (40 marks)

Question 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).

1. 7003 is 10 more than _____.

- (1) 6983
- (2) 6993
- (3) 7013
- (4) 7093

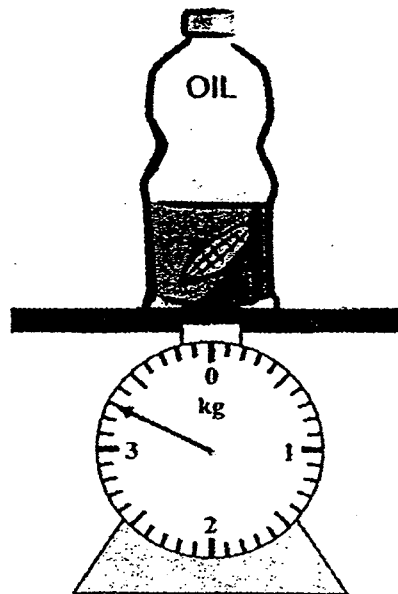
2. Find the sum of 1268 and 2827.

- (1) 1559
- (2) 1669
- (3) 3085
- (4) 4095

3. Express 203 cm in m and cm.

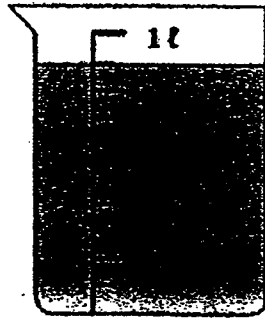
- (1) 2 m 3 cm
- (2) 2 m 30 cm
- (3) 20 m 3 cm
- (4) 200 m 3 cm

4. What is the mass of the bottle of oil?

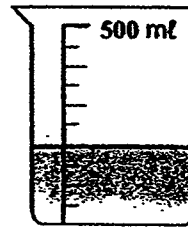


- (1) 3 kg 30 g
- (2) 3 kg 150 g
- (3) 3 kg 300 g
- (4) 3 kg 500 g

5. What is the total volume of water in Beaker A and Beaker B?



Beaker A



Beaker B

- (1) 700 ml
- (2) 900 ml
- (3) 1100 ml
- (4) 1300 ml

6. How much money is shown below?



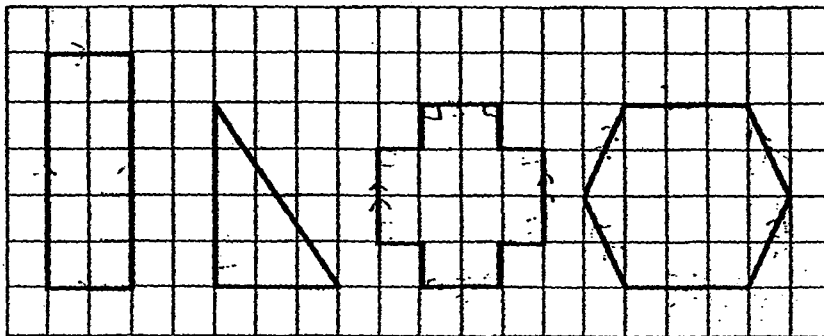
- (1) \$7.30
- (2) \$8.20
- (3) \$10.00
- (4) \$28.00

7. What is the missing number in the box?

$$\frac{6}{9} = \frac{\boxed{}}{12}$$

- (1) 9
- (2) 8
- (3) 3
- (4) 4

8. How many shapes shown below have both parallel and perpendicular lines?



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

9. How many minutes are there in 2 h 35 min?

- (1) 155 min
- (2) 235 min
- (3) 2035 min
- (4) 2350 min

10. $\frac{1}{3} + \boxed{} = \frac{3}{4}$

What is the missing fraction in the box?

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

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

(3) $\frac{5}{12}$

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

11. Li Fang had 1308 beads. She had 1288 fewer beads than Amy.

Find the total number of beads they had.

(1) 1328

(2) 2596

(3) 3904

(4) 3884

12. A baker bought 5 kg of flour. After baking, he found that he had 1055 g of flour left. How much flour did he use?

(1) 3 kg 45 g

(2) 3 kg 945 g

(3) 4 kg 45 g

(4) 4 kg 845 g

13. Ahmad bought a toy train for \$60.95.

He gave the cashier two \$50 notes.

How much change did he receive?

(1) \$10.95

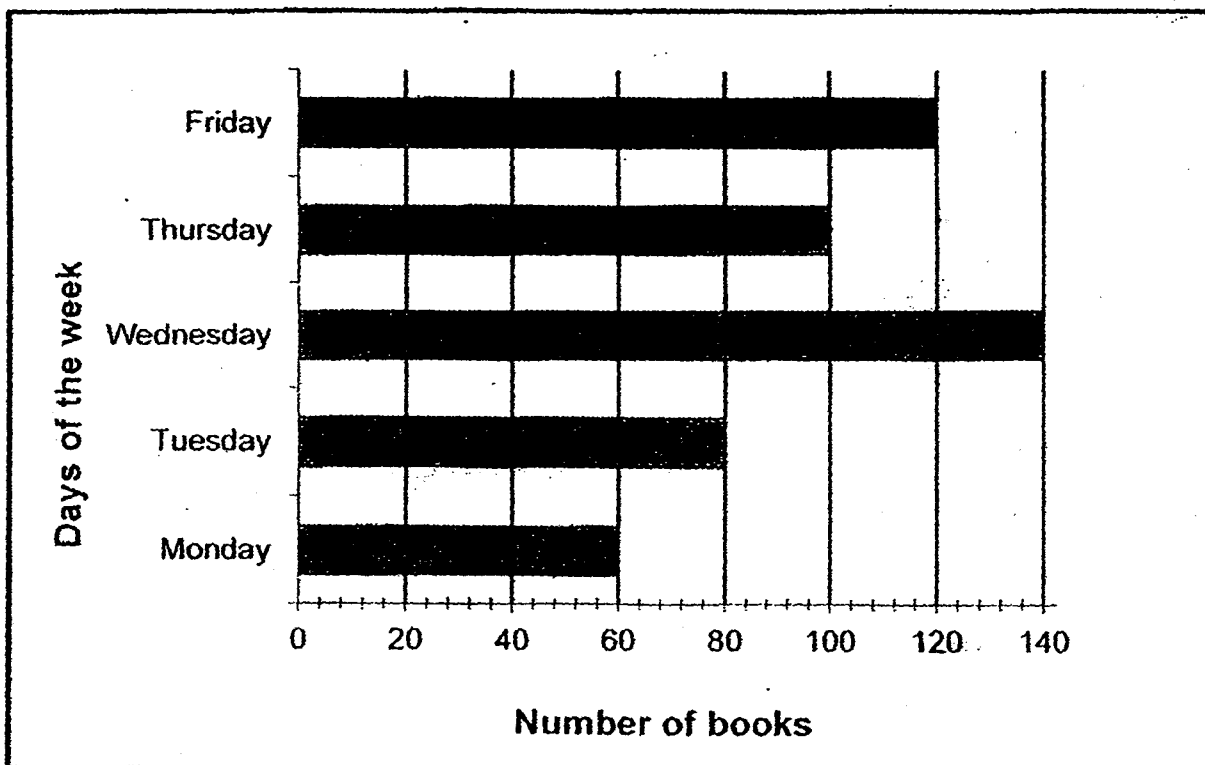
(2) \$39.05

(3) \$40.95

(4) \$49.15

The graph below shows the number of English books borrowed by some pupils from the school library in a week.

Study it carefully and answer Question 14.



14. On which day was the number of books borrowed two times as many as the number of books borrowed on Monday?

(1) Tuesday

(2) Wednesday

(3) Thursday

(4) Friday

15. Which fraction is not equivalent to $\frac{2}{3}$?

(1) $\frac{8}{12}$

(2) $\frac{6}{9}$

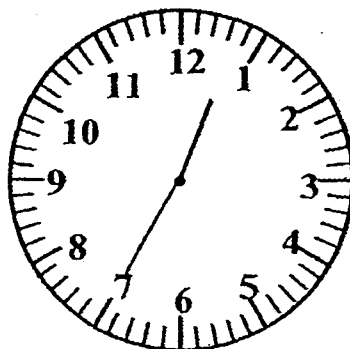
(3) $\frac{4}{6}$

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

16. May went to the market in the morning and reached home 90 minutes later.

The clock below shows the time she reached home.

At what time did she go to the market?



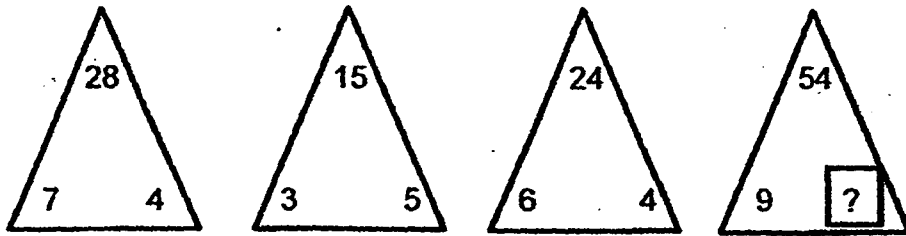
(1) 11.05 a.m.

(2) 11.05 p.m.

(3) 2.05 a.m.

(4) 2.05 p.m.

17. Look at the pattern below.



What is the missing number in the box?

- (1) 6
- (2) 7
- (3) 8
- (4) 4

- 18.

$$\begin{array}{r} 605 \\ 5 \overline{) 30 \square 5} \end{array}$$

What is the missing number in the box?

- (1) 1
- (2) 2
- (3) 0
- (4) 7

19. Karen shopped at Lucky Centre, then at Happy Point.

She spent 1 h 45 min at Lucky Centre.

She spent 2 h 35 min at Happy Point.

She left Happy Point at 2.15 p.m..

At what time did she start shopping at Lucky Centre?

- (1) 9.55 a.m.
- (2) 9.55 p.m.
- (3) 10.55 a.m.
- (4) 10.55 p.m.

20. Janet wanted to pack 183 donuts into boxes. Each box can only hold 6 donuts. What is the least number of boxes she needed to pack all the donuts?

(1) 30

(2) 31

(3) 3

(4) 4

SECTION B (40 marks)

Question 21 to 40 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working.

21. In 9500, the digit 9 is in the _____ place.

Ans: _____

22. Write 5348 in words.

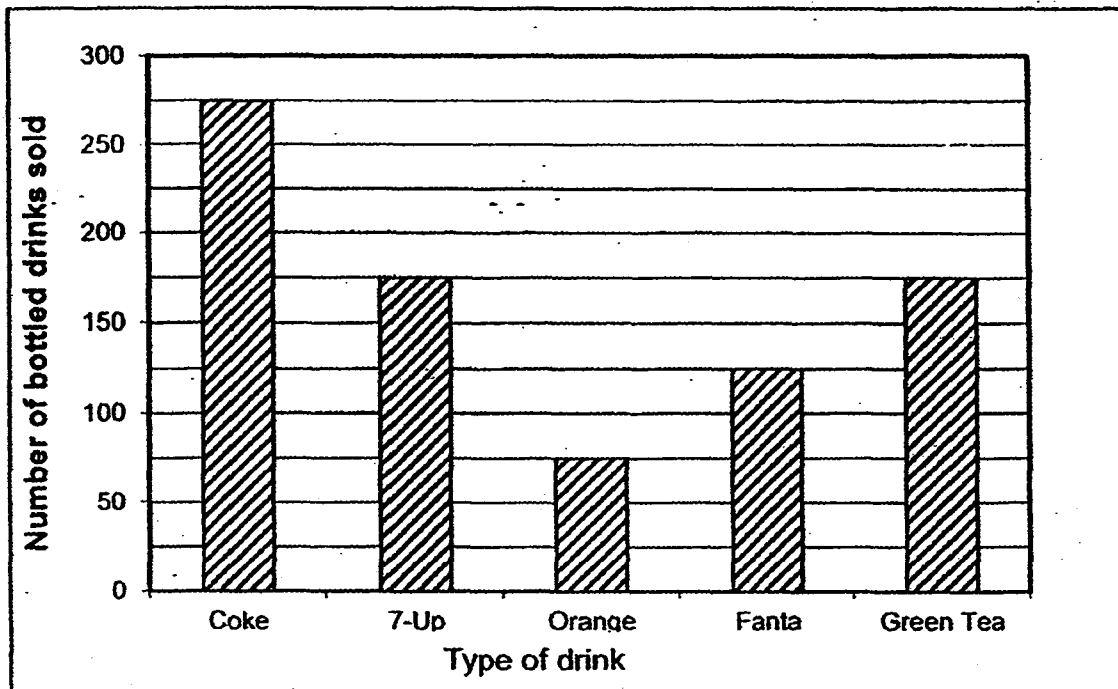
Ans: _____

23. Find the product of 209 and 4.

Ans: _____

The graph below shows number of bottled drinks sold by a stallholder.

Use the information below to answer Questions 24 and 25.



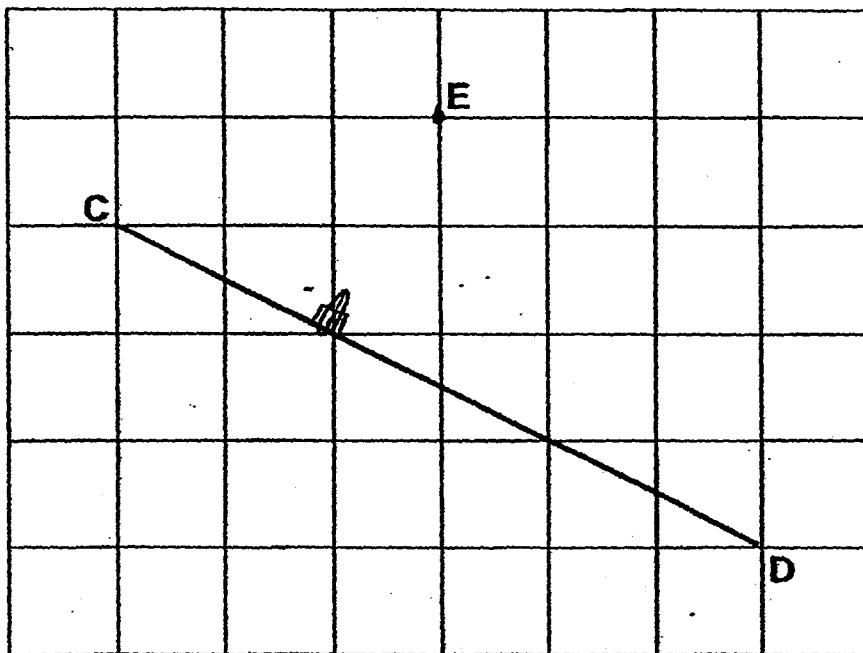
24. Which type of drink has the fewest number sold?

Ans: _____

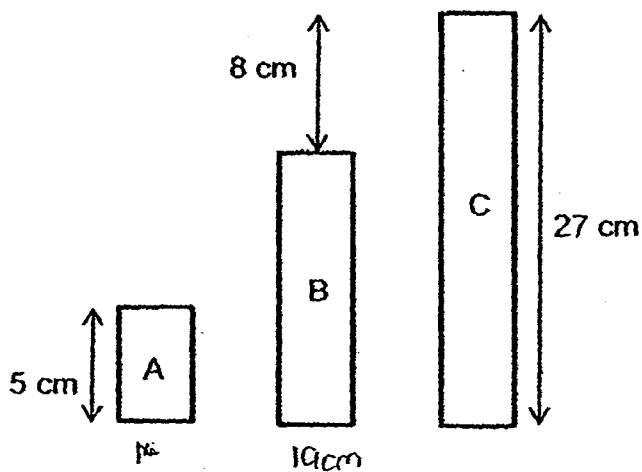
25. Which type of drink sold is 125 bottles fewer than the total number of bottles of 7-Up and Orange sold?

Ans: _____

26. Draw a line that is perpendicular to line CD and passing through point E.



27. Find the difference between the length of rectangle A and rectangle B below.

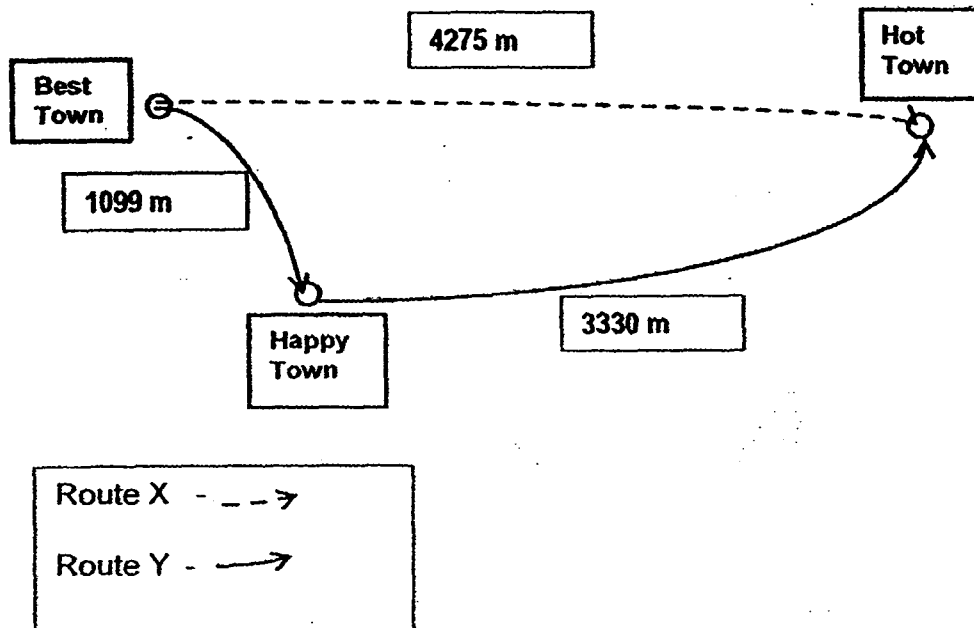


Ans: _____ cm

28. Hazel had 3337 stamps. She had 269 stamps more than her sister.
How many stamps did her sister have?

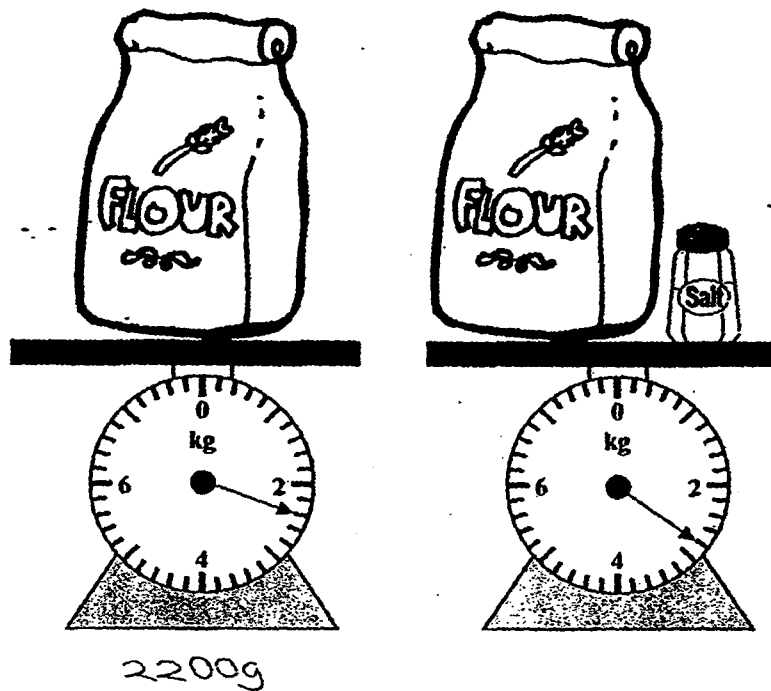
Ans: _____

29. How much further is it to travel from Best Town to Hot Town by Route Y than by Route X?



Ans: _____ m

30. Look at the diagram below.
What is the mass of the salt?
Express your answer in grams.



Ans: _____ g

31. Meilan had a jug that contained 848 ml of orange juice. She used all of it to fill up 8 cups equally. What was the capacity of each cup?

Ans:

32. Divya has \$76.50 in her piggy bank. She has \$19.05 in her purse.
How much does Divya have altogether?

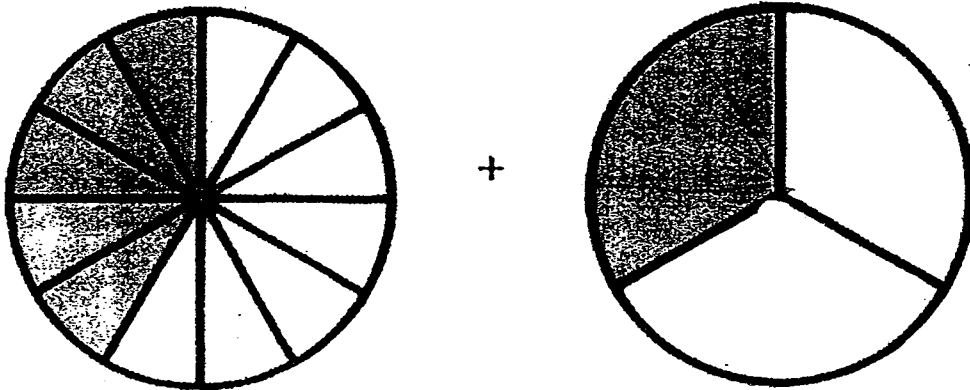
Ans: \$ _____

33. Arrange these fractions in order, beginning with the greatest fraction.

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

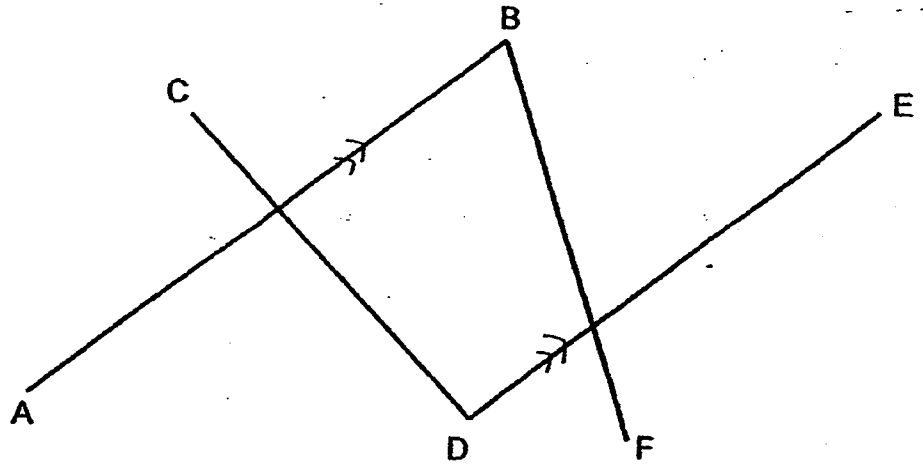
Ans: _____, _____, _____
(greatest)

34. The two circles below are identical. Find the sum of the shaded fractions shown below. Express your answer in the simplest form.



Ans: _____

35. Which two lines are parallel?



Ans: _____ //

36. What are the missing numbers in the blanks below?

711, 721, 741, A, 811, 861, B

Ans : A : _____

B : _____

37. Some girls made 315 paper boats on Monday. On Tuesday, they made 57 fewer paper boats than on Monday. They needed 2000 paper boats.
How many more paper boats must they make?

Ans: _____

38. $\boxed{} \div 7 = 47 \text{ R } 3$

What is the missing number in the box?

Ans: _____

39. Tammy wants to buy a Lego set which costs \$68.70. She has three \$10 notes, three \$5 notes and seven \$2 notes. How much more does she need to buy the Lego set?

Ans: \$ _____

40. I am a fraction.

I am greater than $\frac{1}{4}$ but smaller than $\frac{1}{2}$.

What fraction am I?

Leave your answer in the simplest form.

Ans: _____

SECTION C (20 marks)

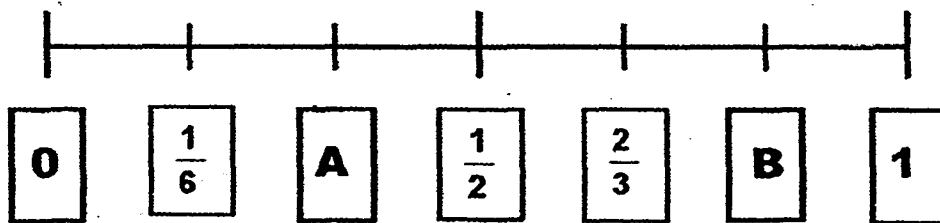
For Questions 41 to 46, show your working clearly in the space provided below each question and write your answer with suitable units in the spaces provided. All diagrams are not drawn to scale. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working. The number of marks available is shown in brackets [] at the end of each question or part-question.

41. A bag of potatoes weighs 35 kg. A bag of tomatoes weighs 3 kg more than the bag of potatoes.
- (a) What is the mass of the bag of tomatoes?
 - (b) Find the total mass of 2 bags of tomatoes and a bag of potato.

Ans: (a) _____ [1]

(b) _____ [2]

42. A and B are fractions on the number line.



- a) What is A?
b) Find the difference in value between Fraction A and Fraction B.
Express your answers in the simplest form.

Ans: a) _____ [1]

b) _____ [2]

43. There are 747 people at a games carnival. There were two times as many women as men. There were three times as many children as women. How many children were at the games carnival?

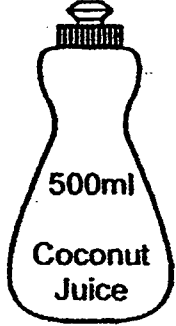
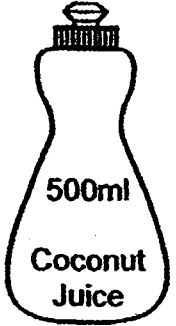
Ans: _____ [3]

44. A baker used different amount of flour for 3 days. On the second day, he used 4 kg more than the first day. On the third day, he used 4 kg more than the second day. In total he used 39 kg of flour. How many kilograms of flour did he use on the first day?

Ans: _____

[3]

45. The diagram below shows the price of bottled coconut juice of Supermarket A and B.

Supermarket A	Supermarket B
 500ml Coconut Juice \$3 per bottle Buy 4 bottles get 1 free	 500ml Coconut Juice 4 bottles for \$10

- a) Mrs Lum wants to buy 10 bottles of coconut juice at Supermarket A, how much does she have to pay?
- b) What is the difference in the cost of buying 20 bottles of coconut juice at Supermarkets A and B?

Ans: a) _____ [2]

b) _____ [2]

46. Mrs Tam had three times as much money as Mr Lim. After Mrs Tam spent \$65 and Mr Lim spent \$17, they had an equal amount of money left.

- a) How much did they spend altogether?
- b) How much did Mrs Tam have in the end?

Ans: a) _____ [1]

b) _____ [3]

-End of Paper-

Please check your work carefully ☺

EXAM PAPER 2015**LEVEL : PRIMARY 3****SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL****SUBJECT : MATHEMATICS****TERM : SA2**

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

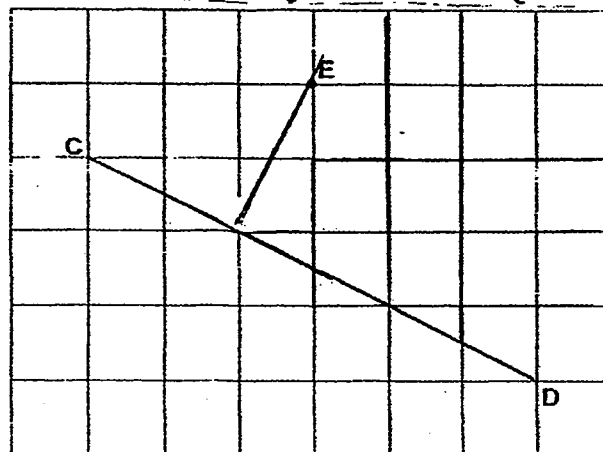
Q21. Thousands Q22. Five thousands, three hundred and forty eight

Q23. 876

Q24. Orange

Q25. Fanta

Q26. SEE PICTURE



Q27. 14cm

Q28. 3068

Q29. 154m

Q30. 2200g

Q31. 106ml

Q32. \$95.55

Q33. $\frac{1}{6}$, $\frac{2}{3}$, $\frac{5}{12}$ Q34. $\frac{3}{4}$

Q35. ED//AB

Q36. A: 771, B: 921

Q37. $1427 \rightarrow 1685 - 258 = 1427$ Q38. $332 \rightarrow 329 + 3 = 332$ Q39. $\$9.70 \rightarrow 3 \times 10 = 30, 30 + 15 = 45, 45 + 14 = 59, 68.70 - 59 = 9.70$ Q40. $\frac{2}{4}$ Q41a. 38kg $\rightarrow 35 + 3 = 38$, Q41b. 111kg $38 + 38 = 76, 76 + 35 = 111$ Q42a. $\frac{1}{3}$ Q42b. $\frac{1}{2} \rightarrow \frac{5}{6} - \frac{2}{6} = \frac{1}{2}$ Q43. $498 \rightarrow 747 \div 9 = 83, 83 \times 6 = 498$ Q44. $9\text{kg} \rightarrow 39 - 4 - 4 = 31, 31 - 4 = 27, 27 \div 3 = 9$

Q45a. \$24

Q45b. $\$2 \rightarrow 4 \times 2 = 8, 3 \times 8 = 24$ Q46a. 82 Q46b. $\$7 \rightarrow 65 + 17 = 82, 65 - 17 = 48, 48 \div 2 = 24, 24 - 17 = 7$ **THE END**

