RAFFLES GIRLS' PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 2
MATHEMATICS
PRIMARY 3

Name: _____ ( ) Class: P3 _____

Date: 24 October 2019 Duration: 1 h 45 min

Your Score	
Section A (Out of 28 marks)	
Section B (Out of 32 marks)	
Section C (Out of 20 marks)	
Overall (Out of 80 marks)	
Parent's Signature	

INSTRUCTIONS TO CANDIDATES

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer **ALL** questions and show all working clearly.

SECTION A (28 marks)

Questions 1 to 6 carry 1 mark each.
Questions 7 to 17 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 your answer (1, 2, 3 or 4) on the OAS provided.

1. What is the value of the digit 4 in 9472?

   (1) 4000
   (2) 400
   (3) 40
   (4) 4

2. Express 309 cm in m and cm.

   (1) 3 m 9 cm
   (2) 3 m 90 cm
   (3) 30 m 9 cm
   (4) 30 m 90 cm

3. Which of the following fractions does not have the same value as $\frac{1}{3}$?

   (1) $\frac{2}{6}$
   (2) $\frac{3}{12}$
   (3) $\frac{3}{9}$
   (4) $\frac{5}{15}$

4. 462 + 3576 = _____

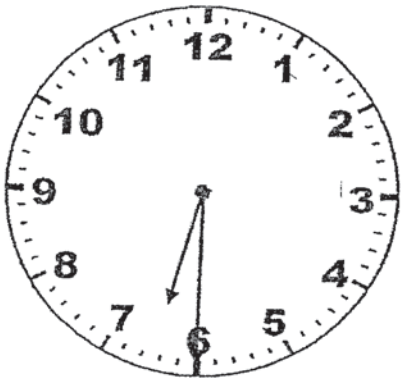
(1) 3038

(2) 3114

(3) 4038

(4) 8196

5. Melanie woke up one morning and had her breakfast 30 minutes later. The clock shows the time she woke up. What time did she have her breakfast?



(1) 6.00 a.m.

(2) 6.30 a.m.

(3) 7.00 a.m.

(4) 7.30 a.m.

6. 235 x 7 = _____

(1) 1615

(2) 1640

(3) 1645

(4) 1715

7. There were 3170 people at the zoo. There were 245 adults and the rest were children. How many children were there at the zoo?

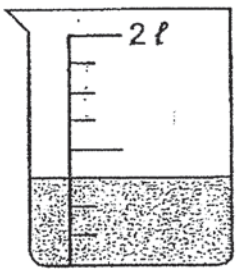
(1) 720

(2) 2825

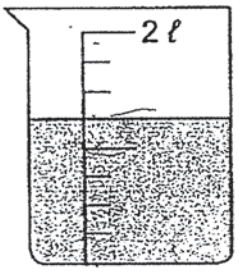
(3) 2925

(4) 3135

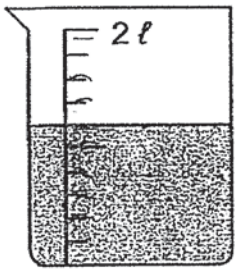
8. Which container holds 1 ℓ 600 $m\ell$ of water?



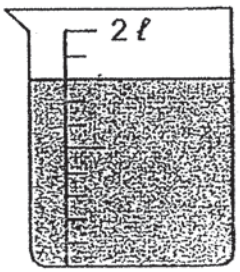
Beaker A



Beaker B



Beaker C



Beaker D

(1) Beaker A

(2) Beaker B

(3) Beaker C

(4) Beaker D

9. Find the value of $\frac{3}{5} - \frac{1}{2}$.

(1) $\frac{1}{10}$

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

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

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

10. Ben packed 636 sweets equally into 6 bags. How many sweets were there in each bag?

(1) 16

(2) 106

(3) 642

(4) 3816

11. 7 players scored a total of 315 points for a competition. Each player scored the same points. How many points did each of them score?

(1) 45

(2) 52

(3) 322

(4) 2205

12. Edmund cut a pizza into 12 equal slices. He ate some slices and gave 4 slices to his brother. He had $\frac{1}{6}$ of the pizza left. How many slices did Edmund eat?

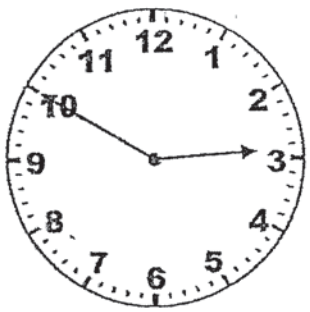
(1) 6

(2) 2

(3) 8

(4) 4

13. One afternoon, Jolin left her home at the time shown on the clock. She took 25 minutes to reach the swimming pool. She swam for 1 hour 30 minutes. What time did Jolin stop swimming?



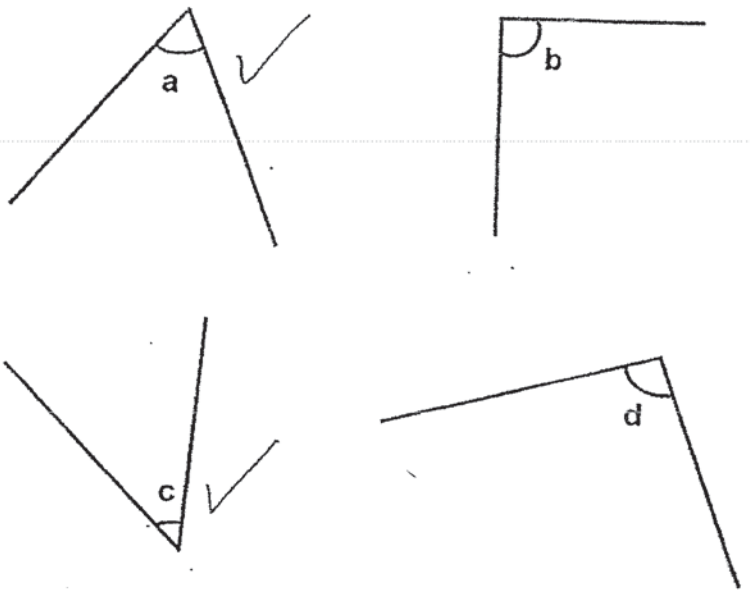
(1) 11.15 p.m.

(2) 1.10 p.m.

(3) 3.20 p.m.

(4) 4.45 p.m.

14. Which angle is smaller than a right angle?



(1) ∠a and ∠d

(2) ∠b and ∠c

(3) ∠a and ∠c

(4) ∠c and ∠d

15. A fruit seller sold 48 packets of apples and 59 packets of oranges. There are 6 fruits in each packet. How many fruits did he sell?

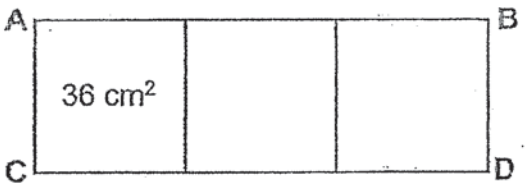
(1) 107

(2) 288

(3) 354

(4) 642

16. Figure ABCD is a rectangle made up of three identical squares. The area of each square is 36 cm^2. What is the perimeter of figure ABCD?



(1) 48 cm

(2) 60 cm

(3) 72 cm

(4) 108 cm

17. Gopal bought 1 bottle of milk and 1 packet of cookies. He paid with a 10-dollar note and received the change in coins. What was the least number of coins he could possibly have received?

1 bottle for $2.30

1 packet for $4.55

(1) 5

(2) 6

(3) 8

(4) 4

SECTION B (32 marks)

Questions 18 to 23 carry 1 mark each.
Questions 24 to 36 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. Marks will be awarded for relevant working.

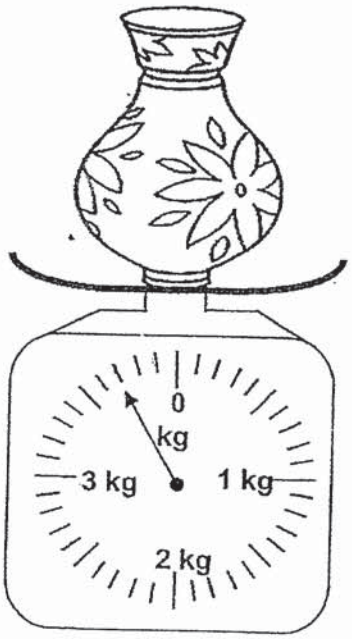
18. Write eight thousand and five in numerals.

Answer: _____

19. 179 x 8 = _____

Answer: _____

20. Find the mass of the vase.



Answer: _____ kg _____

21. Express $\frac{12}{15}$ as a fraction in its simplest form.

Answer: _____

22. Express 192 minutes in hours and minutes.

Answer: _____h _____ min

23. What is the missing number in the box?

$$9\overline{)88\cdot 9} \quad 9\square \text{ R } 7$$

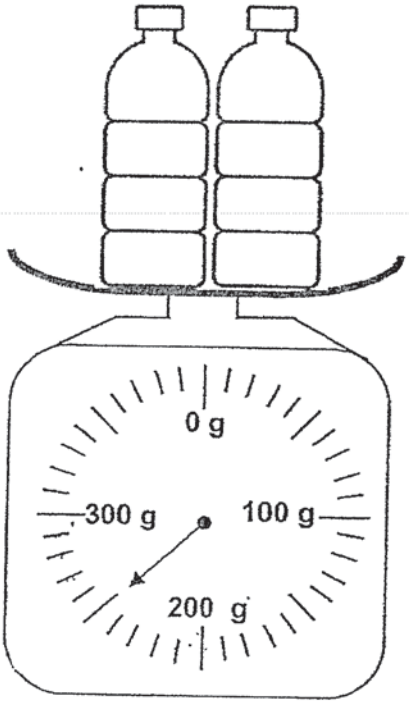
Answer: _____

24. Arrange the following numbers in order, beginning with the smallest.

5837	7385	7358	5378

Answer: _____ , _____ , _____ , _____
(Smallest)

25. Find the mass of 6 such bottles.



Answer: _____ g

26. There were 8000 bottles of milk produced in a factory. 3995 bottles were delivered to Shop A and 2570 bottles were delivered to Shop B. How many bottles of milk were there left?

Answer: _____

27. 5092 people visited the zoo on Friday. 1264 fewer people visited the zoo on Thursday than on Friday. How many people visited the zoo on both days?

Answer: _____

28. Keming bought 800 m of ribbon. He cut the ribbon into shorter pieces of 3 m each. What was the most number of 3-m pieces of ribbon he could get?

Answer: _____

29. A fruit seller ordered 236 boxes of peaches. Each box contained 9 peaches. After a week, he threw away 920 peaches that had turned rotten. How many peaches were left?

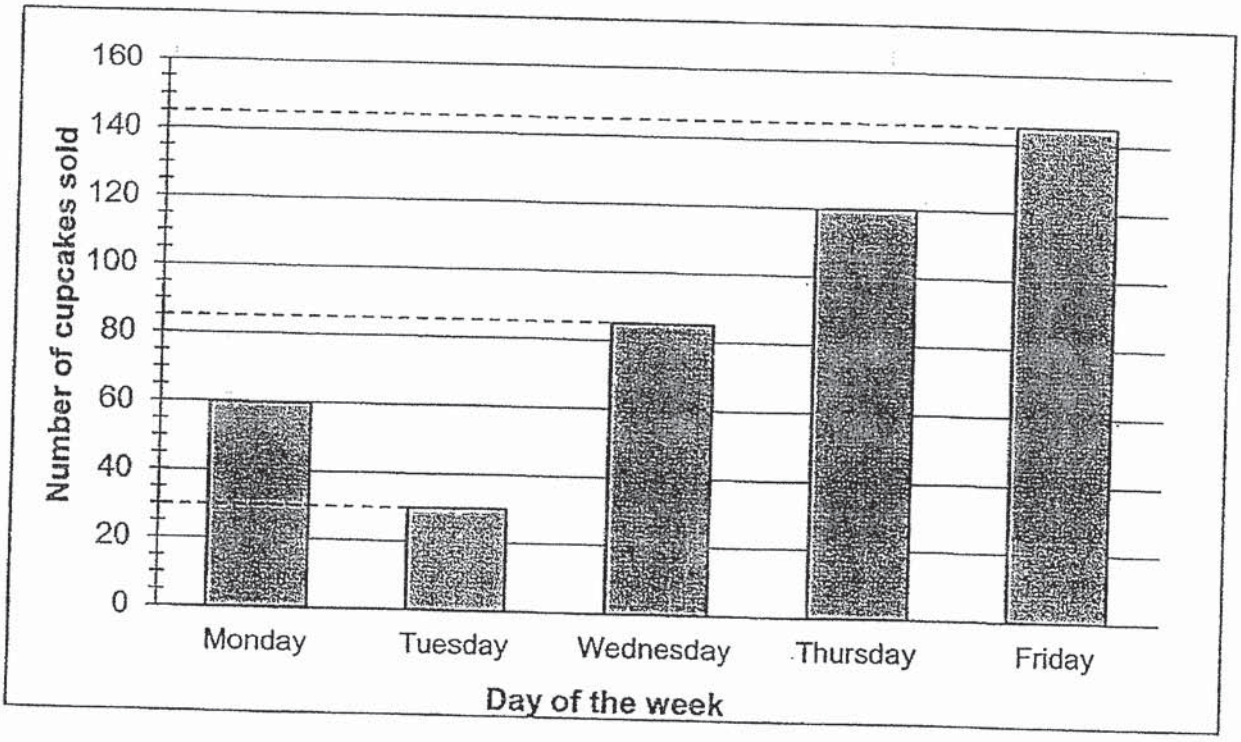
Answer: _____

30. Arrange the following fractions in order, beginning with the greatest fraction.

$$\frac{1}{2} \quad , \quad \frac{2}{7} \quad , \quad \frac{3}{4}$$

Ans: _____ , _____ , _____
(greatest)

31. The graph shows the numbers of cupcakes sold at a cake shop from Monday to Friday.



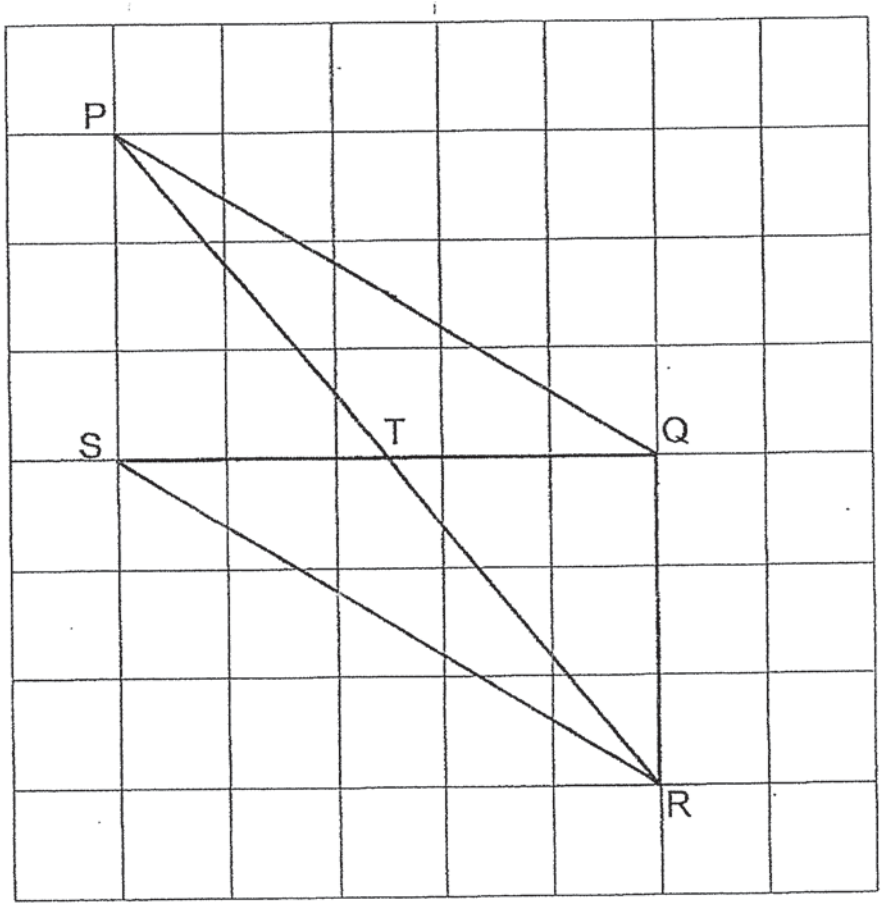
On which day was the number of cupcakes sold twice as many as on Monday?

Answer: _____

32. 8 identical beakers can fill a jug completely. 3 such beakers have a total capacity of 480 mℓ. What is the capacity of the jug?

Answer: _____ mℓ

33. Name a pair of parallel lines and a pair of perpendicular lines.



Answer: a) _____ // _____

b) _____ ⊥ _____

34. At a shop, there were bicycles and tricycles. Helen counted 15 vehicles and 35 wheels. How many bicycles were there?

bicycle

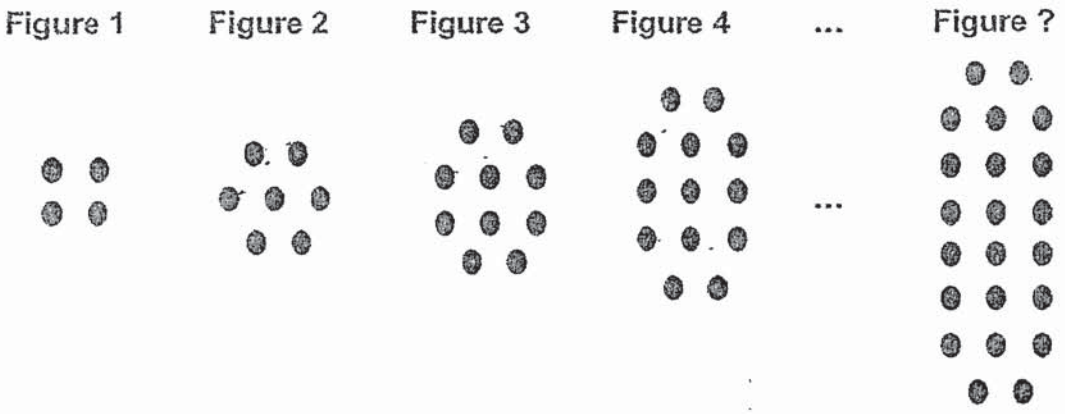
tricycle

Answer: _____

35. Rani went to watch a movie. She arrived at the cinema at 7.15 p.m. according to her watch. Her watch was 15 min slow. The movie lasted 90 minutes. What was the actual time that the movie ended?

Answer: _____ p.m.

36. Look at the following pattern.



Which figure would have 22 dots?

Answer: Figure _____

SECTION C (20 marks)

For question 37 to 42, show your working clearly in the space provided for each question and write your answers with suitable units in the spaces provided. All diagrams are not drawn to scale. 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.

37. Sally and Betty had 1072 stickers altogether. Sally had 590 stickers more than Betty.

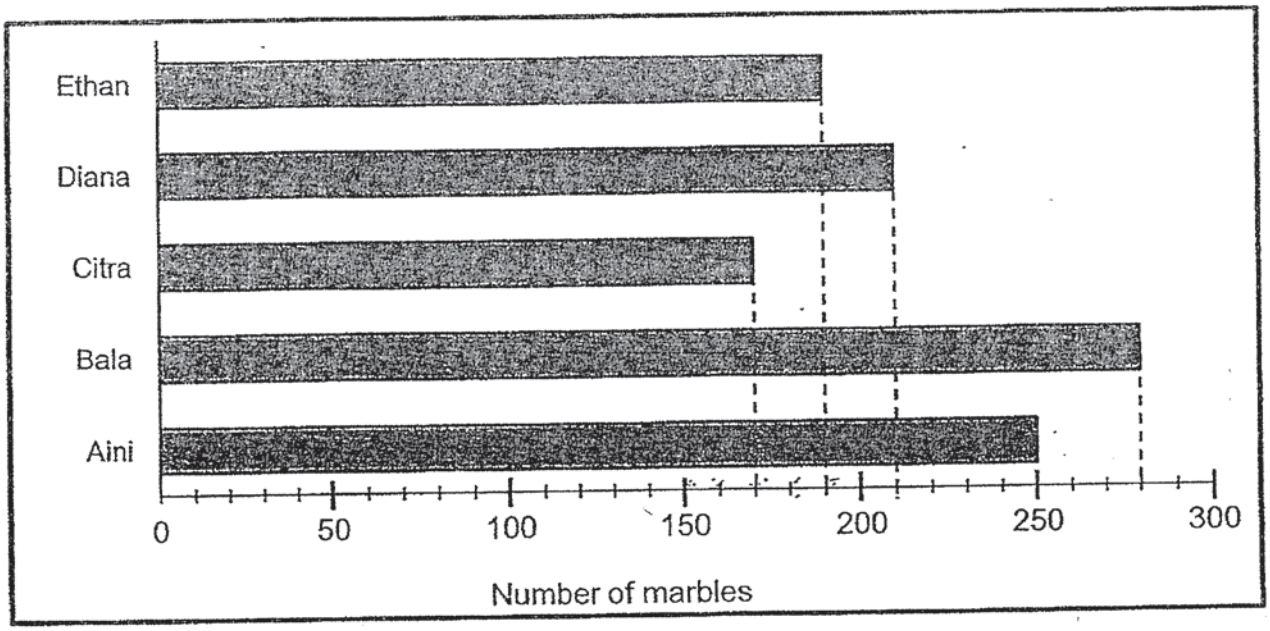
(a) How many stickers did Betty have?

(b) How many stickers did Sally have?

Answer: a) _____ [2]

b) _____ [1]

38. The graph shows the number of marbles for 5 children.



(a) Who had the least number of marbles?

(b) Aini gave some marbles to Ethan so that both of them had the same number of marbles in the end. How many marbles did Aini give to Ethan?

Answer: a) _____ [1]

b) _____ [2]

39. Mei Fang bought 9 packets of stamps. Each packet contained 78 stamps. She gave 156 stamps to her friend and kept the rest of the stamps for herself.

a) How many stamps did she keep for herself?

b) She then packed the rest of the stamps into packets of 6. How many packets of 6 stamps did she have?

Answer: a) _____ [2]

b) _____ [1]

40. 2 cameras and 3 printers cost $2650. 2 cameras and 2 printers cost $1990.

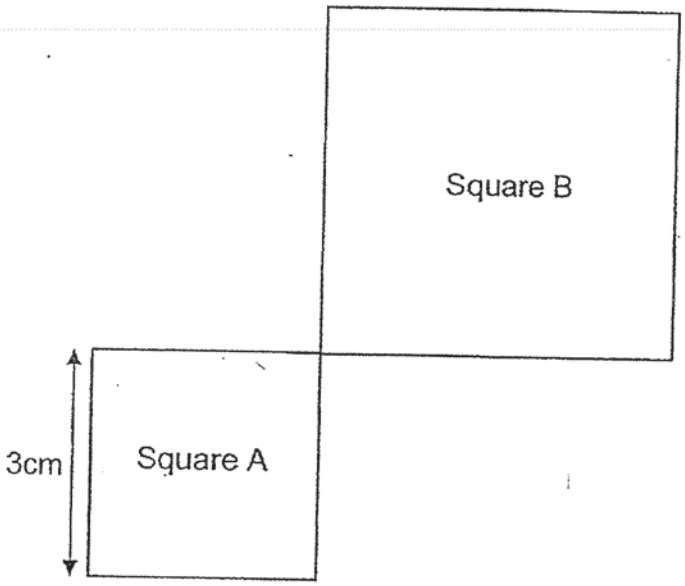
(a) What was the cost of 1 printer?

(b) What was the cost of 2 cameras?

Answer: a) _____ [1]

b) _____ [2]

41. Susan has a strip of metal wire. She used it to make 2 different squares, A and B. The length of Square A is 3 cm and the area of Square B is four times the area of square A.



(a) Find the area of Square A.

(b) Find the perimeter of Square B.

Answer: a) _____ [1]

b) _____ [3]

42. Halim baked 1560 cookies. He baked 890 more cookies than Ian. Halim and Gerry baked four times as many cookies as Ian.

(a) How many cookies did Halim and Ian bake?

(b) How many cookies did Gerry bake?

Answer: a) _____ [2]

b) _____ [2]

☺ I have checked my answers. ☺

SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL

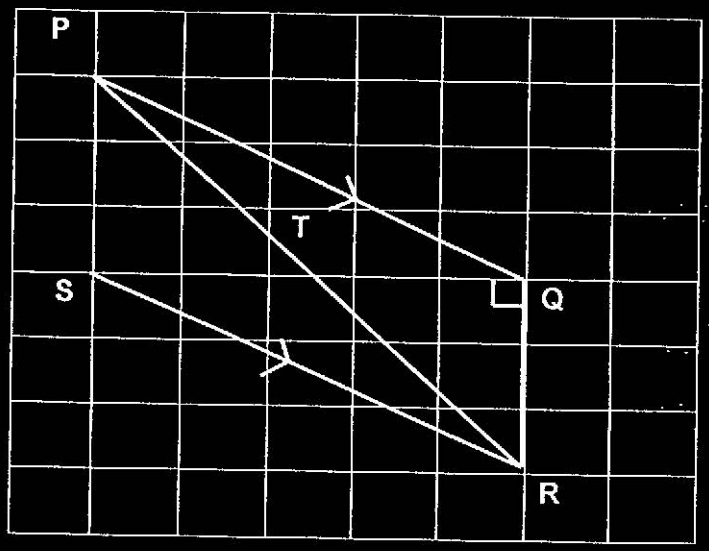
LEVEL : PRIMARY 3
SUBJECT : MATH
TERM : 2019 SA2

BOOKLET A

Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	1	2	3	3	3	3	4	1	2
Q 11	Q12	Q13	Q14	Q15	Q16	Q17			
1	1	4	3	4	1	1			

BOOKLET B

Q18)	8005
Q19)	1432
Q20)	3kg 700g
Q21)	$\frac{12}{15} \div 3 = \frac{4}{5}$
Q22)	3h 12min
	8
	5378 , 5837 , 7358 , 7385
Q25)	750g
Q26)	3995 + 2570 = 6565 8000 – 6565 = 1435
Q27)	5092 – 1264 = 3828 3828 + 5092 = 8920
Q28)	266

Q29)	236 x 9 = 2124 2124 – 920 = 1204
Q30)	$\frac{3}{4}$, $\frac{1}{2}$, $\frac{2}{7}$
Q31)	60 x 2 = 120 ANS: Thursday
Q32)	480 ÷ 3 = 160 160 x 8 = 1280ml
Q33)	 a)PQ // SR b)SQ // QR
Q34)	15 x 3 = 45 45 – 35 = 10 3 – 2 = 1 10 ÷ 1 = 10
Q35)	 ANS: 9.00p.m.
Q36)	7 x 4 = 28

	28 – 6 = 22 Ans : 7
Q37)	a)1072 – 590 = 482 482 ÷ 2 = 241 (1u) b)241 + 590 = 831
Q38)	250 – 30 = 220 250 – 190 = 60 190 + 30 = 220 60 ÷ 2 = 30 a)Citra b)30
Q39)	a)78 x 9 = 702 702 – 156 = 546 b)546 ÷ 6 = 91
Q40)	a)2c + 3p = 2650 2c + 2p = 1990 P = $660 b)660 x 2 = 1320 1990 – 1320 = $670
Q41)	3 x 3 = 9 9 x 4 = 36 6 x 6 = 36 6 x 4 = 24 a)9cm^2 b)24cm
Q42)	a)1560 – 890 = 670 670 + 1560 = 2230 b)2680 – 1560 = 1120