RAFFLES GIRLS' PRIMARY SCHOOL
END-OF-YEAR EXAMINATION 2020
MATHEMATICS
PRIMARY 4

Name: _____ ( )

Math Teacher: _____ Form Class: P4 _____

Date: 29 Oct 2020 Duration: 1 h 45 min

Your Score	
Section A (Out of 25 marks)	
Section B (Out of 40 marks)	
Section C (Out of 35 marks)	
Overall (Out of 100 marks)	

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.

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SECTION A (25 marks)

Questions 1 to 5 carry 1 mark each. Questions 6 to 15 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.

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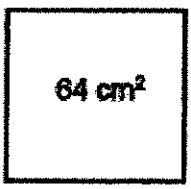
1. The value of the digit 5 in 75 143 is _____.

   (1) 50
   (2) 500
   (3) 5000
   (4) 50 000

2. Which of the following is not a factor of 54?

   (1) 6
   (2) 8
   (3) 3
   (4) 9

3. Find the length of the square.



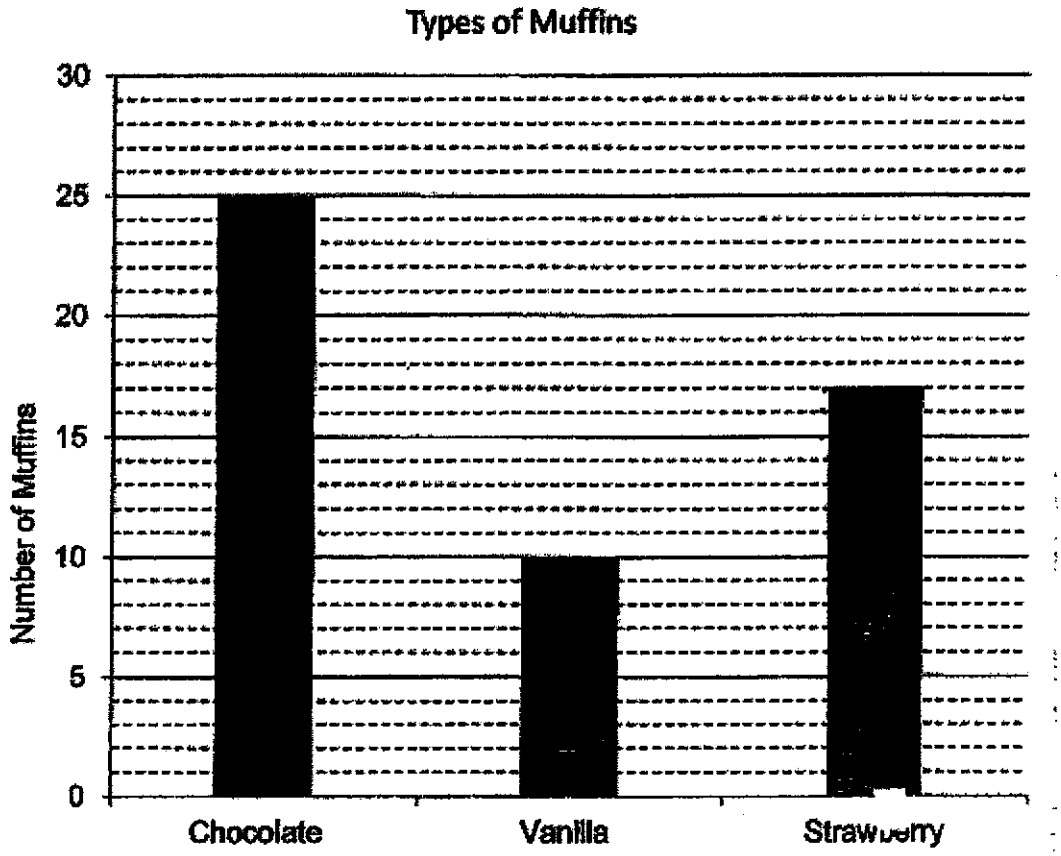
   (1) 8 cm
   (2) 16 cm
   (3) 32 cm
   (4) 256 cm

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4. Shaun spent 2 hours 15 minutes watching cartoon. He spent 50 minutes less playing with his toys than watching cartoon. How long did he play with his toys?

(1) 1h 5 min
(2) 1h 25 min
(3) 2h 5 min
(4) 3h 5 min

5. The bar graph shows different types of muffins baked by Mr Lim.



What is the total number of muffins he baked?

(1) 32
(2) 35
(3) 42
(4) 52

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6. $7\frac{8}{9} = \frac{\square}{9}$

What is the missing number in the box?

(1) 55

(2) 56

(3) 63

(4) 71

7. In which of the following numbers does the digit 4 stand for 4 tenths?

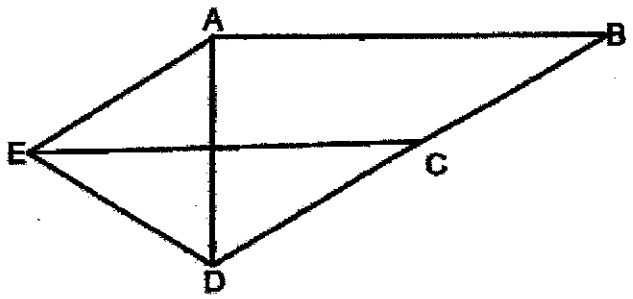
(1) 13.45

(2) 21.54

(3) 34.68

(4) 45.32

8. One of the lines in the figure is parallel to Line AB. Which line is parallel to AB?



(1) AD

(2) AE

(3) BC

(4) EC

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9. Arrange the following decimals from the smallest to the greatest.

$$7.3 , 0.73 , 7.03 , 0.37$$

(smallest) *(greatest)*

(1) 0.37 , 0.73 , 7.03 , 7.3

(2) 0.73 , 0.37 , 7.03 , 7.3

(3) 0.37 , 7.3 , 7.03 , 0.73

(4) 0.73 , 0.37 , 7.3 , 7.03

10. Which one of the following has $\frac{1}{8}$ of the figure shaded?

(1) 

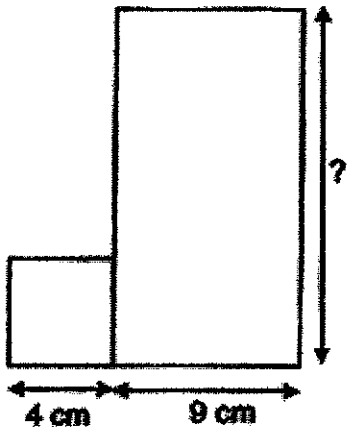
(2) 

(3) 

(4) 

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11. The figure is made up of a square of sides 4 cm and a rectangle with a breadth of 9 cm. The perimeter of the figure is 64 cm. Find the length of the rectangle.



(1) 13 cm

(2) 15 cm

(3) 19 cm

(4) 21 cm

12. The mass of 4 identical bottles of milk is 3.6 kg. What is the mass of 5 such bottles of milk?

(1) 0.45 kg

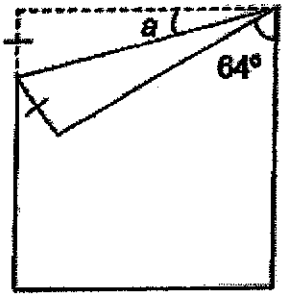
(2) 0.9 kg

(3) 4.5 kg

(4) 9.0 kg

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13. A square piece of paper is folded as shown below. Find $\angle a$.



(1) 13°

(2) 26°

(3) 30°

(4) 64°

14. There are some buttons in a jar. The number of green buttons is three times the number of blue buttons. The number of blue buttons is 2 times the number of red buttons. There are 32 blue buttons. How many more green buttons than red buttons are there?

(1) 16

(2) 80

(3) 96

(4) 144

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15. Bala wants to buy a pair of sneakers. The price of the pair of sneakers can be divided by 3, 7 and 9. What is the lowest possible price of the pair of sneakers?



(1) $21

(2) $27

(3) $63

(4) $189

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SECTION B (40 marks)

Questions 16 to 35 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.

16. Arrange the following numbers from the greatest to the smallest.

589 , 958 , 985 , 598

_____ , _____ , _____ , _____

(greatest) *(smallest)*

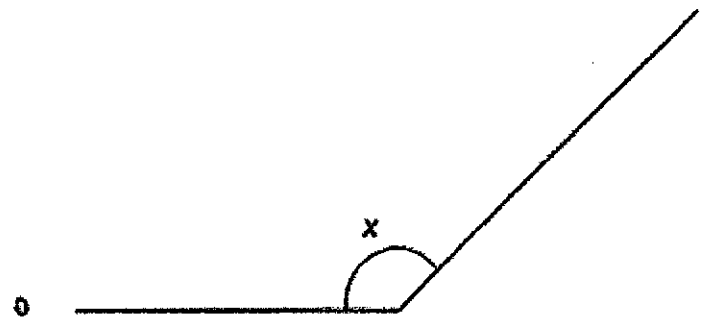
17. Write $\frac{19}{6}$ as a mixed number.

Ans: _____

18. 3467 + 2156 = _____

Ans: _____

19. Measure and write down the size of $\angle x$.



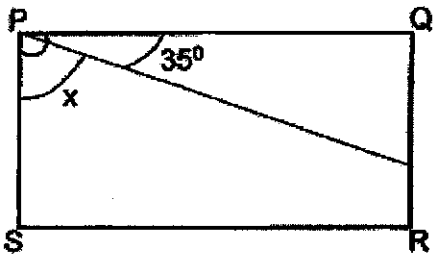
Ans: _____°

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20. Find the value of $1 - \frac{1}{8} - \frac{1}{2}$.

Ans: _____

21. In the figure, PQRS is a rectangle. Find the value of ∠x.

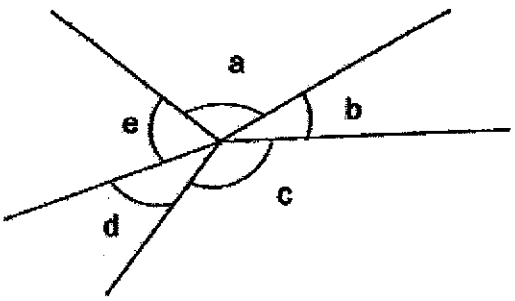


Ans: _____⁰

22. 4.8 – 0.23 = _____

Ans: _____

23. In the figure, name the two angles that are greater than 90^0.



Ans: ∠_____and ∠_____

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24. Express $\frac{56}{100}$ as a decimal.

Ans: _____

25. Draw ∠PQR = 40° using the given line. Mark and label the angle.

Q R

26. The table shows the different types of cupcakes sold by Mrs Lee.
She sold 34 fewer vanilla cupcakes than chocolate cupcakes.
How many cupcakes did Mrs Lee sell altogether?

	Chocolate	Strawberry	Vanilla
Number of Cupcakes sold		39	52

Ans: _____

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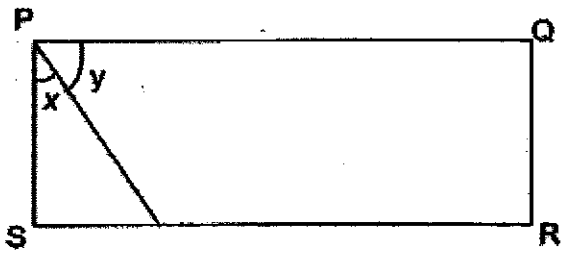
27. 4 tables and 6 chairs cost $240. 7 tables and 6 chairs cost $540.90. Find the cost of 1 table.

Ans: $_____

28. Rita bought her movie ticket at 11.35 a.m. After 30 minutes, the movie started. The movie ended at 2.25 p.m. How long was the movie?

Ans: _____ h _____ min

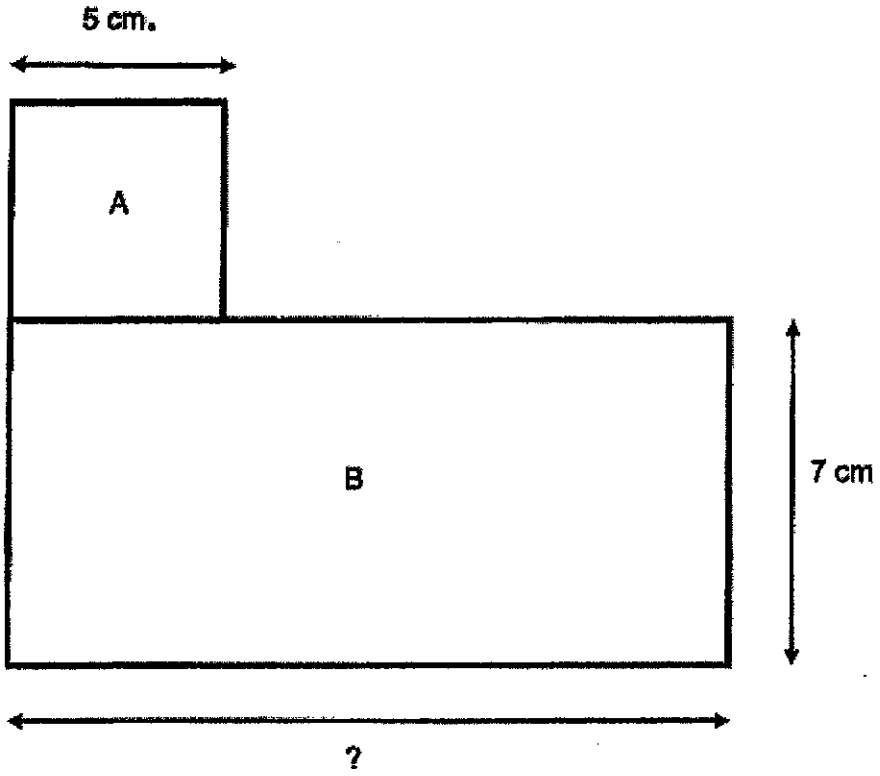
29. PQRS is a rectangle. ∠y is twice the size of ∠x. Find the value of ∠y.



Ans: _____°

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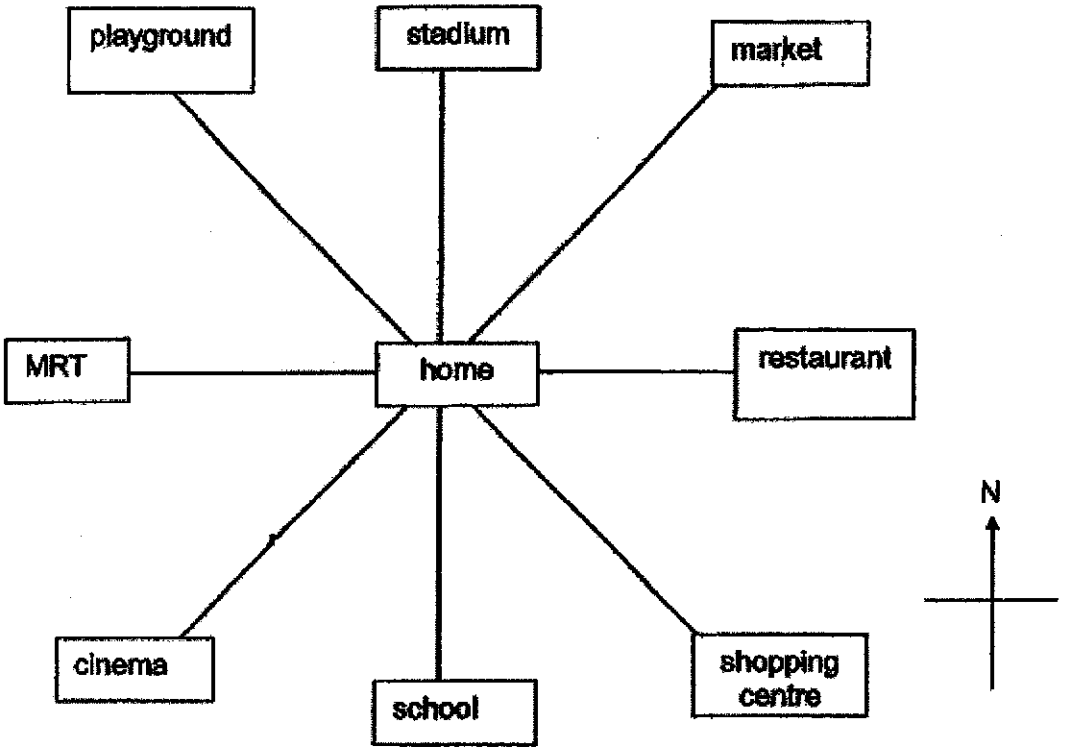
30. The figure shown is made up of Square A and Rectangle B. Square A has sides of 5 cm and Rectangle B has a breadth of 7 cm. The total area of the figure is 137 cm^2. What is the length of the rectangle?



Ans : _____ cm

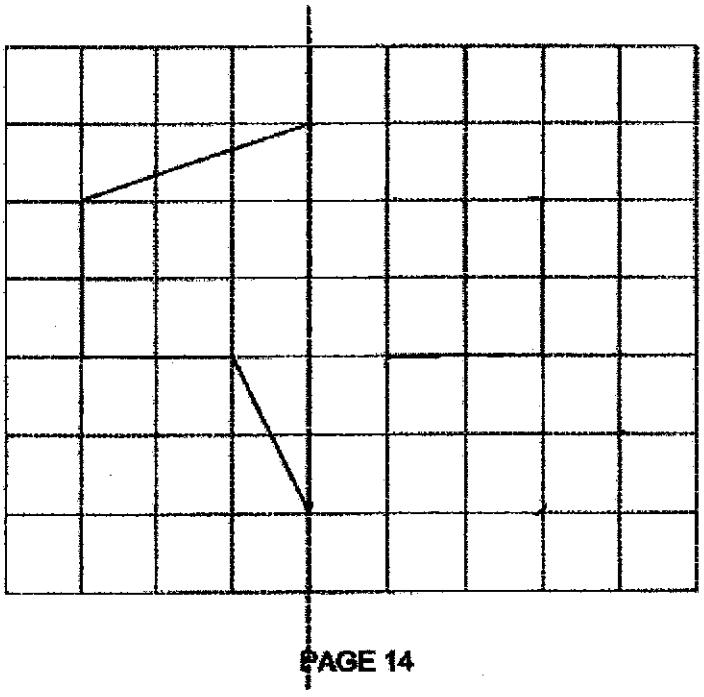
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31. Kamal turned through an angle of 225° in an anti-clockwise direction and ended up facing the cinema. Where was he facing before the turn?



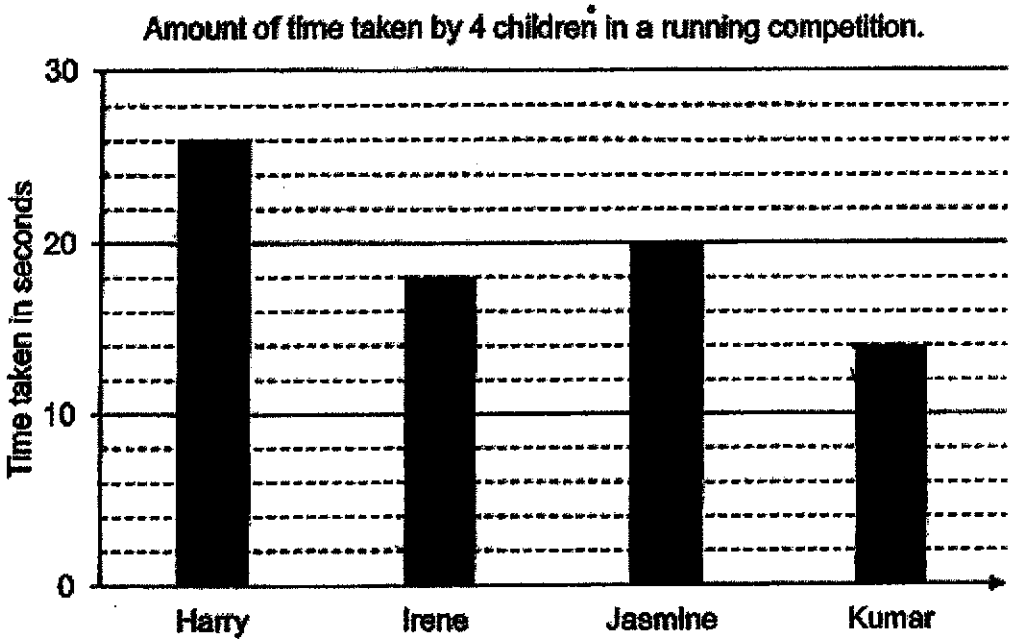
Ans : _____

32. The dotted line is a line of symmetry. Complete the symmetric figure with the dotted line as the line of symmetry.



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33. The graph shows the time taken by 4 children who took part in a running competition.



How much faster did Kumar run than Harry?

Ans: _____s

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34. Ming Ming bought 7 rulers and a notebook for $6.60. A ruler cost $1 less than a notebook. How much did each ruler cost?

Ans: $_____

35. Both Sean and Sally are above 10 years old. Sean is 6 years younger than Sally now. If the product of their age is 280, how old is Sally?

Ans: _____

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SECTION C (35 marks)

For questions 36 to 44, show your working clearly in the space provided below 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.

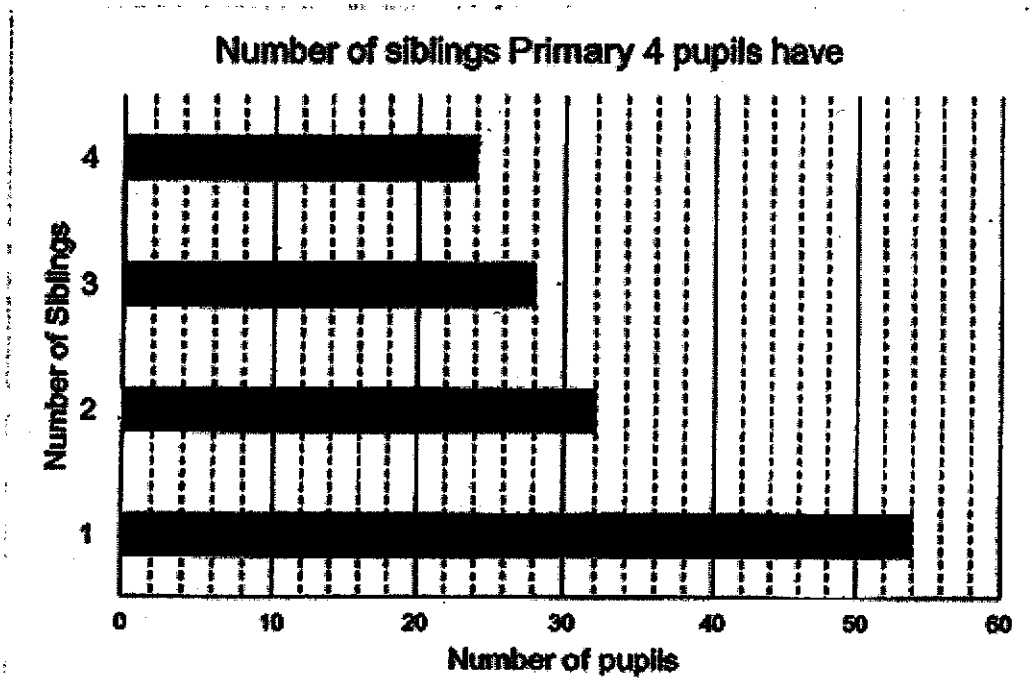
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36. Bill had $10.50. Mary had $4.50. Mary gave some money to Bill so that he had $10 more than Mary in the end. How much money did Mary give to Bill?

Ans: _____ [3]

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37. The graph shows the number of siblings Primary 4 pupils have.



a) How many pupils have only 1 sibling?

b) How many pupils have at least 2 siblings?

Ans: a)_____ [1]

b)_____ [2]

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38. There were 20 pupils at a game station. Some pupils scored 4 points and some pupils scored 6 points. The total number of points scored by the pupils was 92. How many pupils scored 6 points in the game?

Ans: _____ [3]

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39. According to Mr Tan's watch, he left home for Malaysia at 8.00 a.m. His watch was 20 min slower than the actual time. After driving for 2 h 40 min, he took a break of 45 min at Stop A. Then, he continued driving for 2 h 25 min before he reached his destination.

a) How long did he spend driving? Express your answer in minutes.

b) What was the actual time when he reached his destination?

Ans: a) _____ [2]

b) _____ [2]

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40. The mass of a laptop, 5 identical books and a vase was 8.8 kg. The mass of 5 such books was 3 kg. The laptop was 1 kg heavier than 3 such books.

a) What was the mass of the 3 books?

b) What was the mass of the vase?

Ans: a)_____ [2]

b) _____[2]

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41. The length of a piece of cloth is 4 m long. Siti cut $\frac{3}{5}$ m of the cloth to make a bag.

She gave $\frac{1}{4}$ m of the cloth to her friend.

a) How much longer was the length of cloth used to make the bag than the cloth given to her friend?

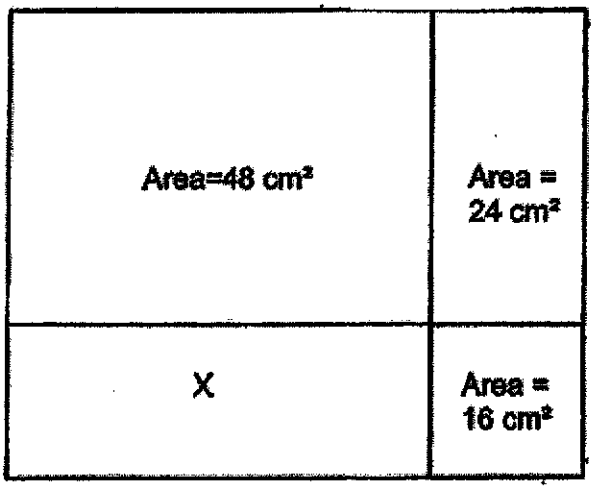
b) What was the length of the cloth left? Express your answer as a mixed number in its simplest form.

Ans: a)_____ [2]

b)_____ [2]

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42. The figure is divided into a square and three different rectangles.
Find the area of rectangle X.



Ans: _____ [4]

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43. Tank X and Tank Y had a total of 48.8 ℓ of oil. 8.2 ℓ of oil was poured from Tank X to Tank Y. After that, both the tanks had the same amount of oil.

a) How much oil was in Tank Y at first?

b) The remaining oil in Tank X was poured equally into 6 identical containers with no spillover. How much oil was there in each container? Round your answer

Ans: a) _____ [3]

b) _____ [2]

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44. Mr Park sold fruits at the market. $\frac{1}{2}$ of the fruits sold were pineapples, $\frac{3}{8}$ of them were mangoes and the remaining fruits were papayas. There were 24 papayas

a) How many fruits did he sell?

b) If the pineapples were sold at 3 for $19, how much did Mr Park collect from his sale of all the pineapples?

Ans: a)_____ [2]

b)_____ [3]

-End of Paper-
Please check your work carefully ☺

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SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL

LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : 2020 SA2

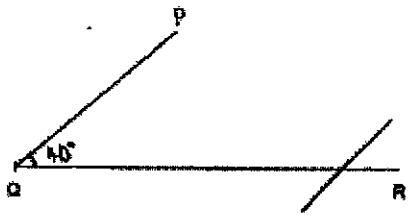
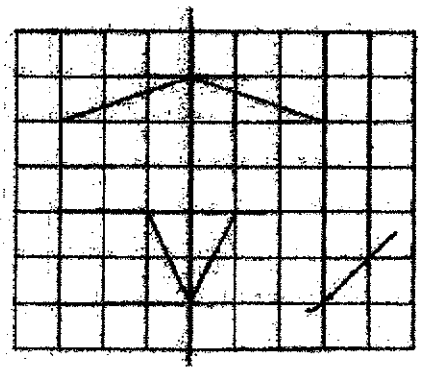
BOOKLET A

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

BOOKLET B

Q16)	985,958,598,589
Q17)	$3\frac{1}{6}$
Q18)	5623
Q19)	$153°$
Q20)	$\frac{3}{8}$
Q21)	$90 - 35 = 55°$
Q22)	4.57
Q23)	A and C
Q24)	0.56
Q25)	Answer

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Q26)	Chocolate: 86 52+34=86 (chocolate) 86+39+52=177 Ans: 177
Q27)	$100.30
Q28)	2h 20min
Q29)	$90° = 3u$ $90 \div 3 = 30$ $30 \times 2 = 60$ Ans: 60°
Q30)	$5 \times 5 \times 25$ $137 - 25 = 112$ $112 \div 7 = 16$ Ans: 16cm
Q31)	Restaurant
Q32)	Answer 

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Q33)	$26 - 14 = 12$ Ans: $12s$
Q34)	$7R + N = 6.60$ $R + 1 = N$ $8R = 5.60$ $R = 0.70$ Ans: \$0.70
Q35)	20
Q36)	$10.50 - 4.50 = 6$ $10 - 6 = 4$ $4 \div 2 = 2$ Ans: \$2
Q37)	$10 \div 5 = 2$ $32 + 48 + 24 = 84$ (a) 54 (b) 84
Q38)	$20 \times 4 = 80$ $92 - 80 = 12$ $6 - 4 = 2$ $12 \div 2 = 6$ Ans: 6
Q39)	$2h40m + 2h25m = 4h + 65m$ $240 + 65 = 305$ (a) 305min (b) 2.10p.m.
Q40)	$L + 5B + V \rightarrow 8.8$ $5B \rightarrow 3$ $B \rightarrow 3$

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	$0.6 \times 3 = 1.8$ $1.8 + 1 = 2.8(L)$ $2.8 + 3 = 5.8$ $8.8 - 5.8 = 3$ (a) 1.8kg (b) 3kg
Q41)	$\frac{12}{20} - \frac{5}{20} = \frac{7}{20}$ $4 \div 20 = 0.2$ $0.2 \times 7 = 1.4$ $0.05 \times 7 = 0.35$ $4 - \frac{17}{20} = 3\frac{3}{20}$ (a) 0.35m (b) $3\frac{3}{20}m$
Q42)	$48 \div 24 = 2$ $16 \times 2 = 32$ Ans: $32cm^2$
Q43)	$8.2 \times 2 = 16.4$ $48.8 - 16.4 = 32.4$ $32.4 \div 2 = 16.2$ $16.2 + 8.2 = 24.4$ $24.4 \div 6 \approx 4.06$ $4.06 \approx 4.1$ (a) 16.2l (b) 4.1l
Q44)	$\frac{4}{8} + \frac{3}{8} = \frac{7}{8}$

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	$1 - \frac{7}{8} = \frac{1}{8}(24)$ $24 \times 8 = 192$ $24 \times 4 = 96$ $96 \div 3 = 32$ $32 \times 19 = 608$ (a) 192 (b) \$608

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