慧学校

RED SWASTIKA SCHOOL

RED SWASTIKA SCHOOL

2019 SEMESTRAL ASSESSMENT 1

MATHEMATICS

Name : _____ ( )

Class : Primary 4 / _____

Date : 14 May 2019

BOOKLET A

20 Questions
40 Marks
Duration of Paper : 1 hour 45 minutes

Note:

1. Do not open this Booklet until you are told to do so.
2. Read carefully the instructions given at the beginning of each part of the Booklet.
3. Do not waste time. If a question is difficult for you, go on to the next one.
4. Check your answers thoroughly and make sure you attempt every question.
5. In this booklet, you should have the following:
   (a) Page 1 to Page 7
   (b) Questions 1 to 20

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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.

(40 marks)

---

1 In 46 752, the digit _____ is in the ten thousands place.

(1) 5
(2) 6
(3) 7
(4) 4

2 62 thousands and 8 tens is the same as _____.

(1) 628
(2) 6280
(3) 62 080
(4) 62 800

3 Which of the following numbers has a factor of 8?

(1) 38
(2) 48
(3) 58
(4) 68

4 A factory produces 137 chairs each day. How many chairs does it produce in 28 days?

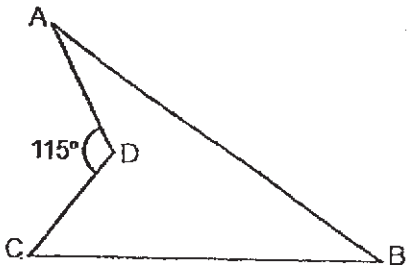
(1) 1370
(2) 2484
(3) 3360
(4) 3836

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5 A fruit seller had 3216 oranges. 320 oranges were rotten. He threw the rotten oranges away and packed the rest equally into 8 boxes. How many oranges are there in each box?

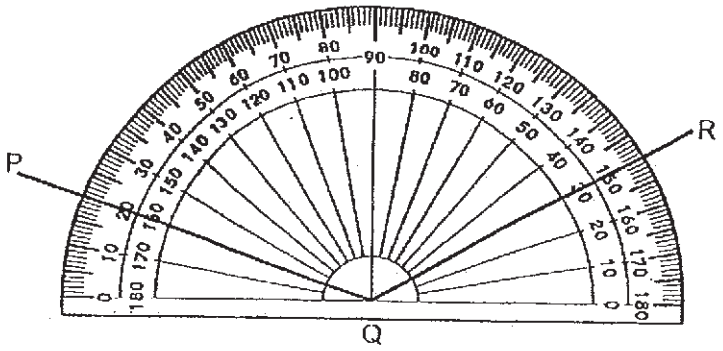
(1) 362
(2) 397
(3) 402
(4) 442

6 The figure is not drawn to scale. Name the angle that is marked 115°.



(1) ∠ABC
(2) ∠ACB
(3) ∠ADB
(4) ∠ADC

7 What is the value of ∠PQR?



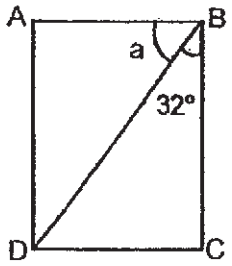
(1) 20°
(2) 50°
(3) 130°
(4) 150°

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8 $\frac{1}{2}$ of a complete turn is equal to _____.

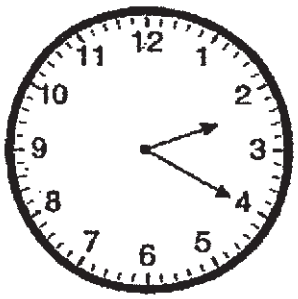
(1) 90°
(2) 180°
(3) 270°
(4) 360°

9 ABCD is a rectangle. Find ∠a.



(1) 45°
(2) 58°
(3) 62°
(4) 90°

10 Jane started doing her homework at the time shown below. She took 45 min to do her homework. What time did she complete her homework?



(1) 1.35 pm
(2) 2.20 pm
(3) 3.05 pm
(4) 4.10 pm

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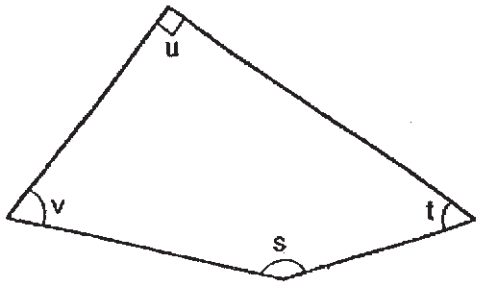
11 A number is between 15 and 45. It is the common multiple of 4 and 8. One of its factors is 5. What is the number?

(1) 16
(2) 20
(3) 32
(4) 40

12 Colin and Ben have 1260 stamps altogether. Colin has 3 times as many stamps as Ben. How many more stamps does Colin have?

(1) 315
(2) 420
(3) 630
(4) 945

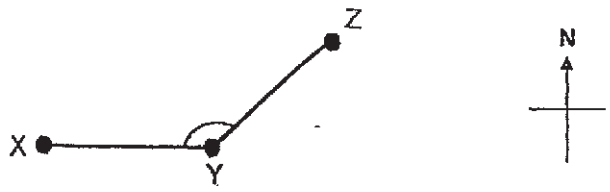
13 In the figure below, which two angles are smaller than a right angle?



(1) ∠s and ∠t
(2) ∠s and ∠u
(3) ∠t and ∠u
(4) ∠t and ∠v

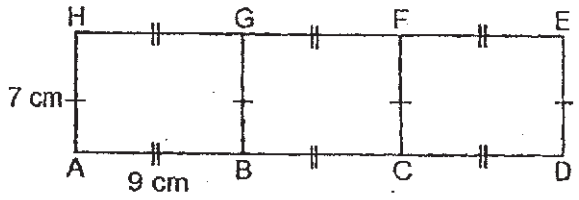
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14 X, Y and Z are three towns on a map. X is west of Y and ∠XYZ is 135°. Z is _____of Y.



(1) South-east
(2) South-west
(3) North-east
(4) North-west

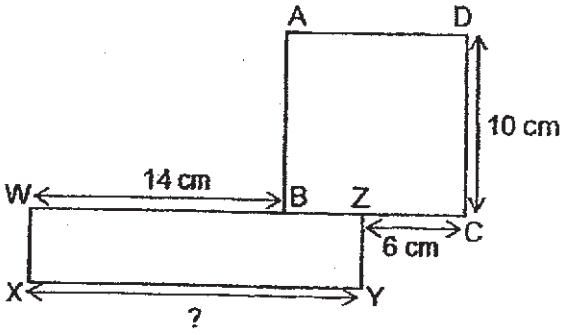
15 The figure is made up of rectangles. Find the area of Rectangle ADEH.



(1) 63 cm²
(2) 68 cm²
(3) 189 cm²
(4) 378 cm²

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16 The figure below is made up of a square ABCD and rectangle WXYZ. What is the length of XY?



(1) 16 cm
(2) 18 cm
(3) 20 cm
(4) 24 cm

17 A rectangular field was 100 m long and 50 m wide. Jack ran around it 10 times. What was the distance Jack ran?

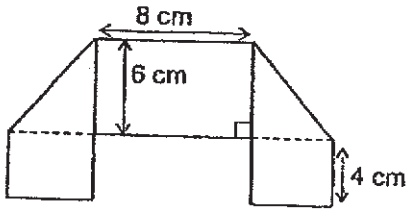
(1) 150 m
(2) 300 m
(3) 1500 m
(4) 3000 m

18 2 similar skirts and 3 similar blouses cost $245. If each skirt costs twice as much as each blouse, how much will 4 such skirts cost?

(1) $140
(2) $196
(3) $280
(4) $392

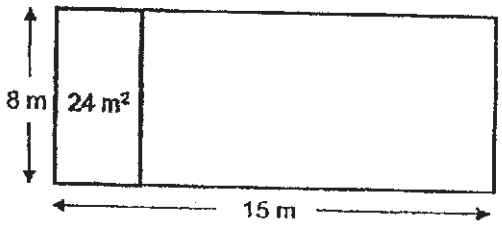
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19 Camilla folded a towel to form the shape shown below. What is the length of the towel?



(1) 16 cm
(2) 18 cm
(3) 22 cm
(4) 28 cm

20 The wall of the living room is 15 m by 8 m. After painting for an hour, the painter only managed to paint 24 m^2 of the wall. What is the area of the wall not painted?



(1) 72 m^2
(2) 96 m^2
(3) 120 m^2
(4) 144 m^2

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2019 SEMESTRAL ASSESSMENT 1

MATHEMATICS

Name : _____ _____ ( )

Class : Primary 4 / _____

Date : 14 May 2019

BOOKLET B

28 Questions
60 Marks

In this booklet, you should have the following:
(a) Page 8 to Page 19
(b) Questions 21 to 48

MARKS

	OBTAINED	POSSIBLE
BOOKLET A		40
BOOKLET B		60
TOTAL	-	100

Parent's Signature : _____

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Questions 21 to 30 carry 1 mark each. Questions 31 to 40 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(30 marks)

21 Round 49 652 to the nearest hundred.

Ans : _____

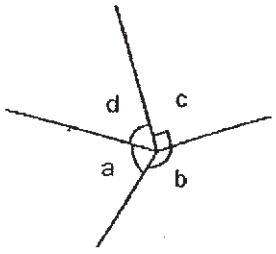
22 What is the fifth multiple of 8?

Ans: _____

23 3150 beads were given equally to 7 students for their project. How many beads did each student get?

Ans: _____

24 Name the angle that is an obtuse angle.



Ans: ∠ _____

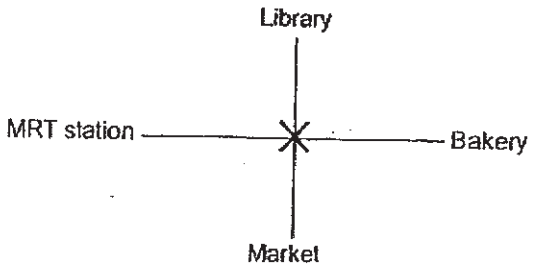
4

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25 Draw a line to join with one of the dots to form $\angle XYZ = 148^\circ$.
Label $\angle XYZ$.

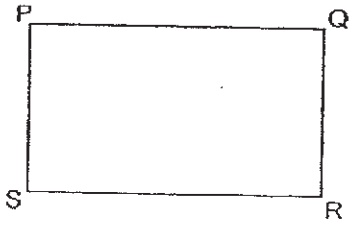


26 David is standing at point X facing the bakery. How many $\frac{1}{4}$-turns must he make in order to face the MRT station?



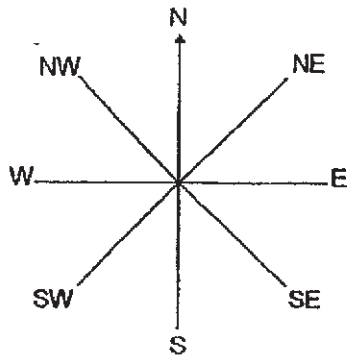
Ans: _____

27 PQRS is a rectangle. Label on the rectangle to show $\angle RSQ = 30^\circ$.



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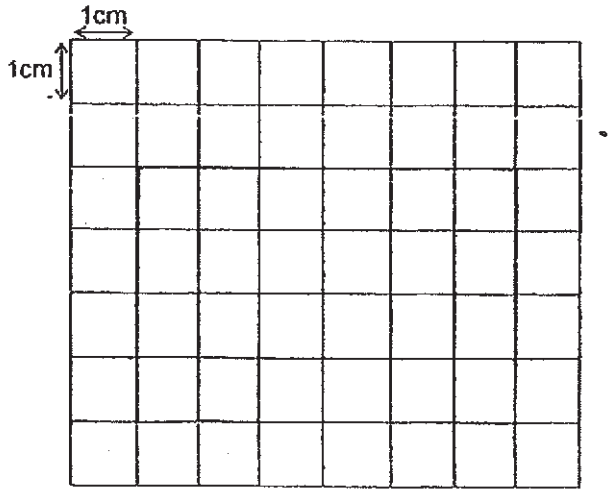
28 Aisha was facing south-east after turning through an angle of 270° in an anticlockwise direction. Which direction was she facing at first?



Ans: _____

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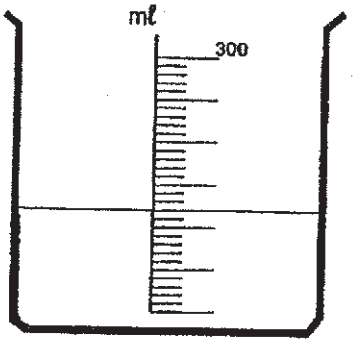
29 Using a ruler and set square, given that ST = 6cm and TU = 4cm, draw and label rectangle STUV on the 1-cm square grid paper below.



2

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30 Thomas poured some water into the beaker as shown below. How much more water was needed to make 300mℓ?



Ans: _____ mℓ

---

31 Form the smallest 5-digit odd number, using the digits 8, 5, 7, 1 and 3. Use each digit only once.

Ans: _____

---

32 Kelly was standing in the middle of a field and was facing east. She turned through 225° in the clockwise direction. Which direction was she facing in the end?

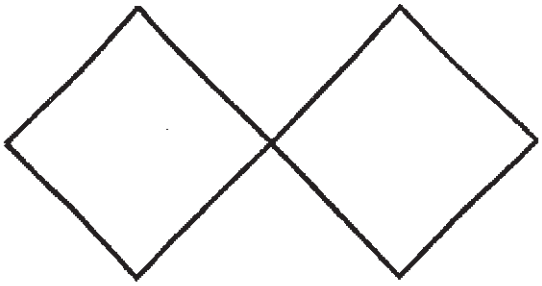


Ans: _____

5

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33 The figure below is made up of 2 identical squares. The perimeter of the figure is 56 cm. What is the length of one side of the squares?



Ans: _____ cm

---

34 The tailor used 135 cm of cloth to sew a skirt. He had to sew 9 such skirts. How much cloth did he use to sew all the skirts? Write your answer in metres and centimetres.

Ans: _____ m _____ cm

---

35 Write down the common multiple of 6 and 9 that is smaller than 50 but larger than 20.

Ans: _____

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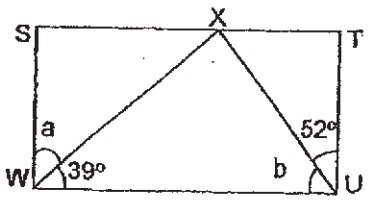
36 ☀ × 3 = ☾

☾ × 6 = 7650

The value of ☀ is _____.

Ans: _____

37 STUW is a rectangle. Find the difference between ∠a and ∠b.
(Figure is not drawn to scale.)



Ans: _____ °

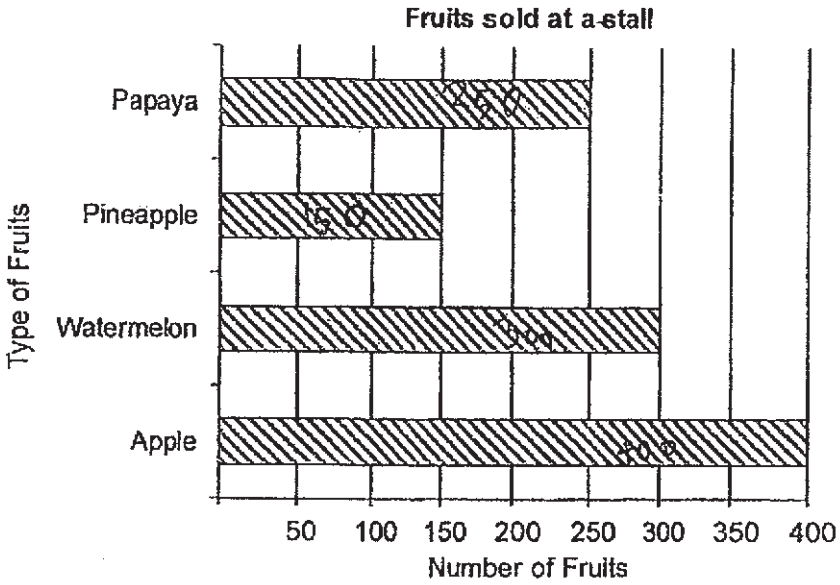
38 Jolin had 10ℓ of water. She used 7550 mℓ of the water to wash her clothes and used 450 mℓ of it to the water her plants. How much water had she left? Give your answer in litres.

Ans: _____ ℓ

6

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39 The bar graph shows the types of fruit sold by a stall last week.



(a) How many more apples than pineapples were sold in the week?

Ans: _____

(b) How many fruits were sold altogether last week?

Ans: _____

---

40 Sarah had twice as many sweets as Mabel. After Mabel bought another 90 sweets, Mabel had thrice as many as sweets as Sarah. How many sweets did Sarah have?

Ans: _____

4

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Questions 41 to 48 carry 3 or 4 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided.

(30 marks)

---

41 Mr Goh had 1685 pears. He packed all the pears equally into boxes of 5.
(a) What is the number of boxes needed to pack all the pears?
(b) If each box of pears cost $7, how much would Mr Goh earn if he sold all the boxes?

Ans (a): _____ [2]

(b): _____ [2]

---

42 Casey, Gopal and Ahmad collected 5370 coins. If Ahmad collected 1498 coins and Gopal collected twice as many as him, how many coins did Casey collect?

Ans: _____ [4]

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43 Minah spent 2 h 40 min baking a cake. She spent another 35 minutes to decorate the cake. She finished decorating the cake at 7.30 pm. What time did Minah start baking her cake?

Ans: _____ [3]

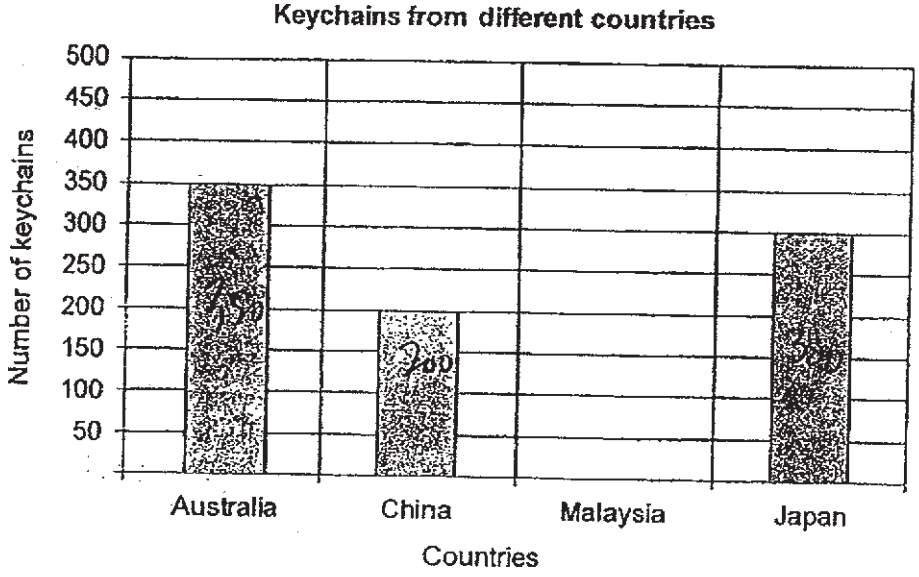
44 An empty bag has a mass of 60 g. It has a mass of 980 g when it is filled with marbles. If each marble has a mass of 8 g, how many marbles are there in the bag?

Ans: _____ [3]

6

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45 The bar graph shows the types of keychains that Kumar collects from different countries.



(a) Kumar collected twice as many keychains from Malaysia as from China. How many keychains from Malaysia did he collect?

Ans : _____ [2]

(b) Draw the bar for the number of keychains Kumar collected from Malaysia in the graph above. [1]

(c) How many keychains from Malaysia and Japan did he collect altogether?

Ans : _____ [1]

4

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46 Belle has some stickers. The number of stickers is between 15 and 35. If she packs her stickers into bags of 5, there will be no stickers left. If she packs her stickers into bags of 4, there are 2 stickers left. How many stickers does Bella have?

Ans : _____ [4]

---

47 The prices of two types of plates at a shop are shown below.

Metal plate	$24
Plastic plate	$16

Mrs Jones bought an equal number of metal plates and plastic plates. She paid $480 for all the plates. How many plates did Mrs Jones buy altogether?

Ans _____ [4]

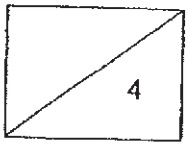
8

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48 A pen and a file cost $13.50. Farid bought 2 such pens and 3 such files for $38.50. How much did each file cost?

Ans : _____ [4]

End of Paper



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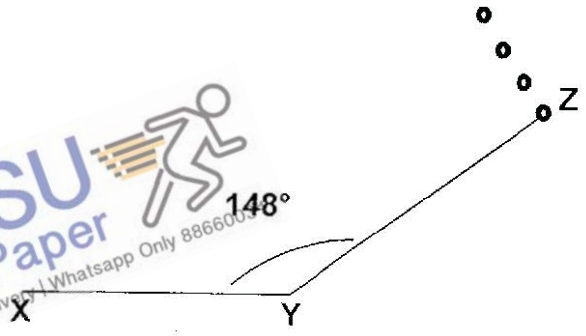
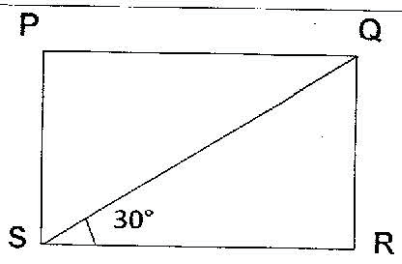
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LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : 2019 SA1

BOOKLET A

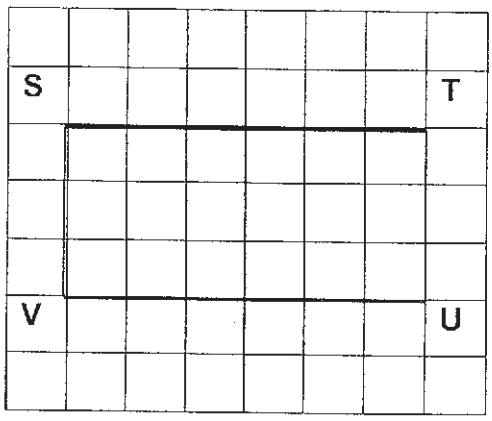
Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	3	2	4	1	4	3	2	2	3
Q 11	Q12	Q13	Q14	Q15	Q 16	Q17	Q18	Q19	Q20
4	3	4	3	3	2	4	1	4	2

BOOKLET B

Q21)	49700
Q22)	40
Q23)	450
Q24)	b
Q25)	
Q27)	

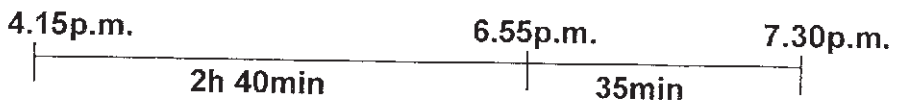
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Q26)	2
Q29)	
Q28)	North-east
Q30)	180ml
Q31)	13587
Q32)	North-west
Q33)	7 cm
Q34)	12m 5cm
Q35)	36
Q36)	425
Q37)	13°
Q38)	2L
Q39)	a)250 b)1100

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Q40)	90 ÷ 5 = 18 18 x 2 = 36
Q41)	a)1685 ÷ 5 = 337 b)337 x 7 = $2359
Q42)	1498 x 3 = 4494 5370 – 4494 = 876
Q43)	 ANS: 4.15p.m.
Q44)	980 – 60 = 920 920 ÷ 8 = 115
Q45)	a)2 x 200 = 400 b)Malaysia →(draw 400) c)700
Q46)	30
Q47)	24 + 16 = 40 480 ÷ 40 = 12 12 x 2 = 24
Q48)	1f --- $38.50 - $27.00 = $11.50

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