PEI HWA PRESBYTERIAN PRIMARY SCHOOL
2019 WEIGHTED ASSESSMENT 2
PRIMARY 3
MATHEMATICS

Name: _____ ( )

Class: 3 Responsibility ( )

Date : Term 3 Week 9

Parent's Signature

Total time: 1 hr

INSTRUCTIONS TO CANDIDATES

1. Write your Name, Class and Register No. in the spaces provided above.
2. DO NOT turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Write all your answers in this booklet.

Marks (Section A)	/12
Marks (Section B)	/12
Marks (Section C)	/6
Total Marks (Section A & B & C)	/30

This booklet consists of 12 printed pages, excluding the cover page.

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Section A: Multiple Choice Questions (12 x 1 = 12 marks)

For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1 Which of the following is the same as 9050¢?

(1) $0.95
(2) $9.50
(3) $90.50
(4) $95 ( )

2 Mr Tan had $340. He spent $152 and saved the rest. How much did he save?

(1) $188
(2) $198
(3) $492
(4) $502 ( )

3 2 m 5 cm = _____ cm

(1) 25
(2) 205
(3) 250
(4) 2500 ( )

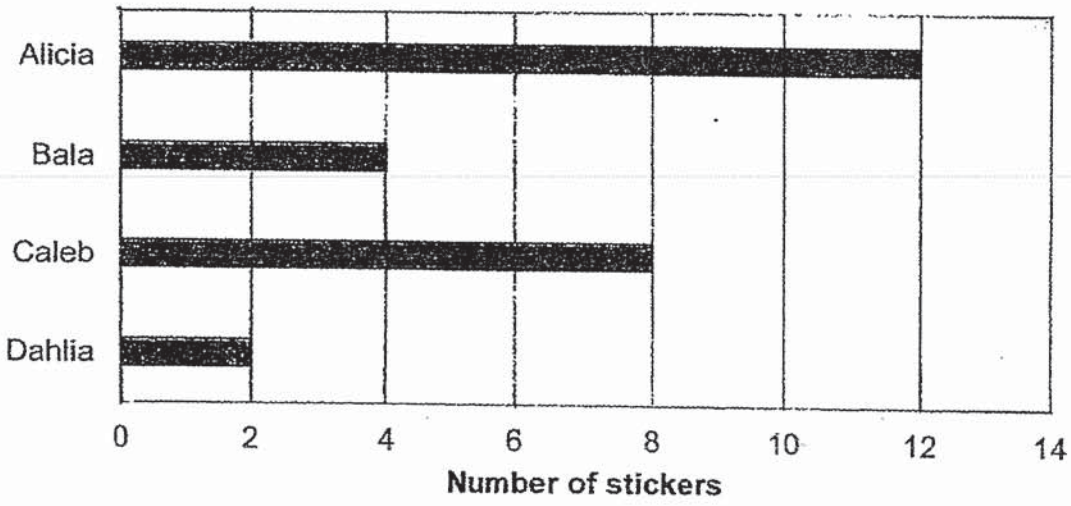
4 Mr Tan drinks 750 mℓ of milk a day.
How much milk does he drink in two days?

(1) 375 mℓ
(2) 1 ℓ 50 mℓ
(3) 1 ℓ 500 mℓ
(4) 3 ℓ 75 mℓ ( )

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5 The graph below shows the number of stickers of some children.



Based on the information above, how many stickers do the children have in all?

(1) 26
(2) 27
(3) 28
(4) 29

( )

6 Which of the following is **not** an equivalent fraction of $\frac{3}{12}$?

(1) $\frac{1}{3}$
(2) $\frac{1}{4}$
(3) $\frac{2}{8}$
(4) $\frac{5}{20}$

( )

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7 Daniel painted $\frac{1}{4}$ of a table red and $\frac{2}{12}$ of the same table blue. What fraction of the table was painted?

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

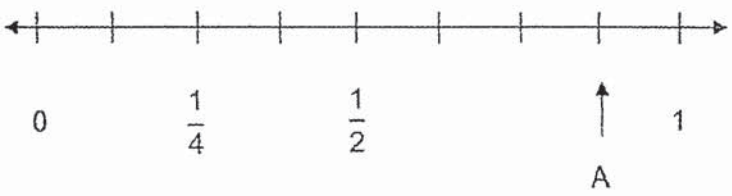
(2) $\frac{9}{10}$

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

(4) $\frac{7}{12}$ ( )

8 Refer to the number line below.

What is the missing fraction indicated as A?



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

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

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

(4) $\frac{7}{8}$ ( )

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9 The length of a car is about _____.

(1) 4 cm
(2) 40 cm
(3) 4 m
(4) 40 m ( )

10 Mr Ng is 85 kg.

He is 5 times as heavy as his daughter.

What is the difference in their mass?

(1) 17 kg
(2) 68 kg
(3) 80 kg
(4) 102 kg ( )

11 Apples are sold at 3 for $4.
David has $28.
How many apples can he buy?

(1) 12
(2) 16
(3) 21
(4) 35 ( )

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12 Ali paid $28 for two adult tickets and two student tickets.
An adult ticket costs $4 more than a student ticket.
What is the cost of a student ticket?

(1) $4

(2) $5

(3) $7

(4) $9 ( )

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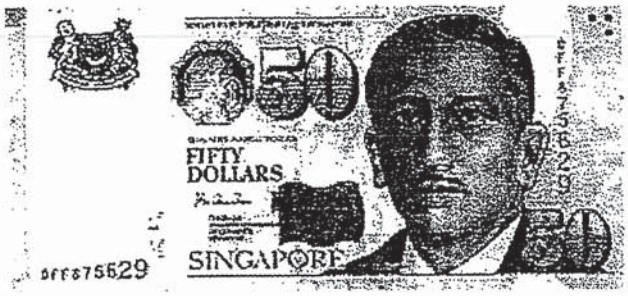
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Section B (12 x 1 = 12 marks)

Write your answers in the answer blanks provided.

For questions that require working, show your working clearly in the space provided.

13 What is the total value of the amount shown below?







Ans: $ _____

14 Jim has $7.70.
His brother has $3.60.
How much money do they have altogether?

Ans: $ _____

2

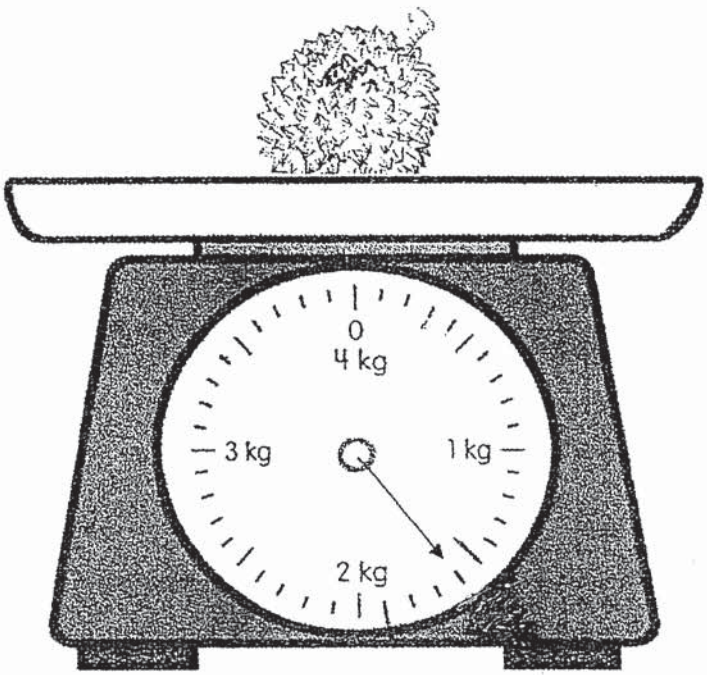
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15 Pail A has a capacity of 800 mℓ.
Pail B's capacity is twice of Pail A
Find the total capacity of both pails.
Express your answer in ℓ and mℓ

Ans: _____ ℓ _____ mℓ

16 Refer to the diagram below.
What is the mass of the durian?
Express your answer in grams.



Ans: _____ g

2

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17 Arrange the fractions below in increasing order.

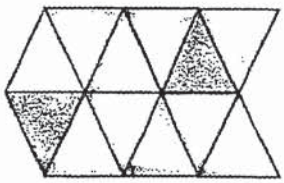
$$\frac{3}{4} \qquad \frac{5}{12} \qquad \frac{2}{3}$$

_____ , _____ , _____

smallest greatest

18 The figure below is made up of identical triangles.

How many more triangles must be shaded so that $\frac{2}{3}$ of the figure is shaded?



Ans: _____

19 Find the value of $\frac{8}{10} - \frac{1}{2}$.

Ans: _____

3

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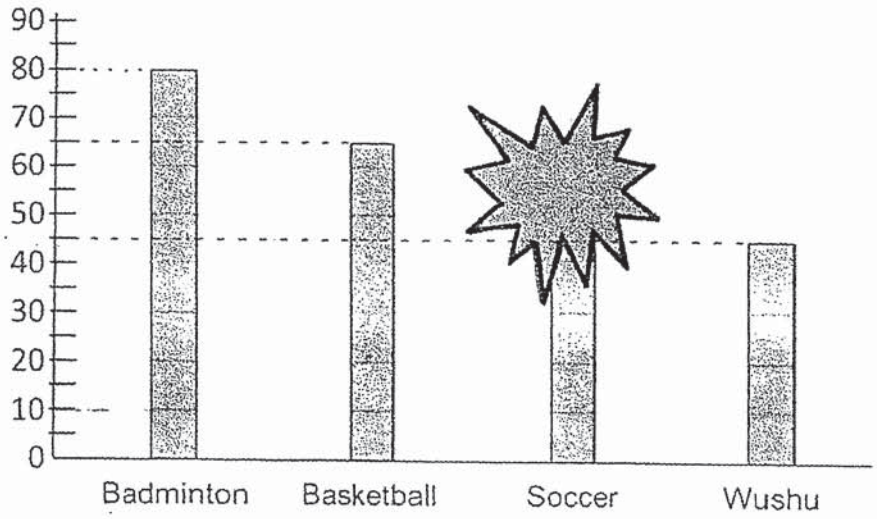
20 9 ℓ 2 mℓ = _____ mℓ

Ans: _____ mℓ

21 The graph below shows the number of pupils in four different CCA.

There are 250 pupils in total.

How many pupils are in soccer?



Ans: _____

2

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22 Eight 50¢ coins = _____ 20¢ coins

Ans: _____

23 Some trees are planted at equal distances along a road.
The distance between the 1st and 5th tree is 16 m.
What is the distance between the 3rd and the 8th tree?



1st

Ans: _____ m

24 Mrs Tan has $30.
An egg tart costs $2.
For every 5 egg tarts bought, 1 egg tart is given free.
How many egg tarts can she buy?

Ans: _____

3

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Section C (2 x 3 = 6 marks)

Solve each of the following problems. Show all your working and statements clearly. Write your answers in the spaces provided.

25 A box with 3 identical balls weigh 21 kg.
The same box with 1 such ball weigh 13 kg.
What is the mass of the empty box?

Ans: _____ [3]

3

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26 The sum of two fractions is $\frac{9}{10}$.

The difference between the two fractions is $\frac{1}{2}$.

What are the two fractions?

Ans: _____ and _____ [3]

3

End of Paper

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PEI HWA PRESBYTERIAN PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 2

PRIMARY 3
MATHEMATICS PAPER

24 OCT 2019

Name: _____

Form Class / Register No. : 3R____ / _____

Total time:1 h 45 min

INSTRUCTIONS TO CANDIDATES

1. Write your Name, Class and Register No. in the spaces provided above.
2. DO NOT turn over this page until you are told to do so.
3. Follow all instructions carefully and answer all questions.
4. For Section A, shade your answers on the Optical Answer Sheet (OAS) provided.
5. For Section B and C, write all your answers in this booklet.
6. The use of calculator is **NOT ALLOWED**.

Marks (Section A)	**30**
Marks (Section B)	**30**
Marks (Section C)	**20**
Total Marks:	**80**

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Section A: (15 × 2 = 30 marks)

For each question, four options are given. One of them is the correct answer.

Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

---

1 What is the value of the digit 4 in 4208?

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

2 What is the sum of 2706 and 599?

(1) 2107
(2) 3295
(3) 3305
(4) 3395 ( )

3 What is the missing number in the box?

$9 \times 7 = \square \times 7 + 6 \times 7$

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

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4 Peter has 165 stickers.

Jane has three times as many stickers as Peter.

How many stickers do they have altogether?

(1) 55
(2) 218
(3) 495
(4) 660

( )

5



Joan has 4 twenty-cent coins and 2 fifty-cent coins.

She puts some coins into a donation tin.

Which one of the following amount could she have donated?

(1) $0.30
(2) $1.10
(3) $1.50
(4) $1.70

( )

6 George bought 750 g of carrots.

He packed them equally into 6 packets.

What was the mass of 1 packet of carrots?

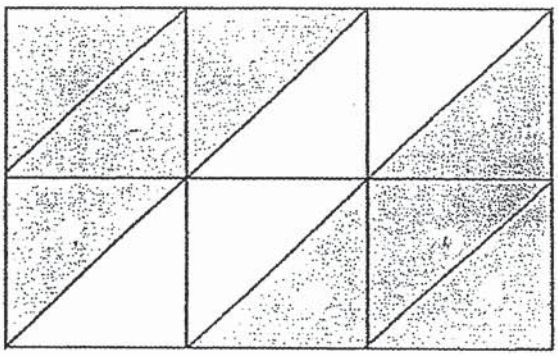
(1) 125 g
(2) 150 g
(3) 4310 g
(4) 4500 g

( )

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7 What fraction of the following figure is unshaded?



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

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

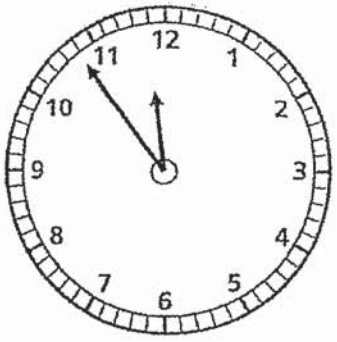
(3) $\frac{3}{4}$

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

( )

8 The time now is 11.54 a.m.

What time will it be 20 minutes later?



(1) 12.13 a.m.

(2) 12.13 p.m.

(3) 12.14 a.m.

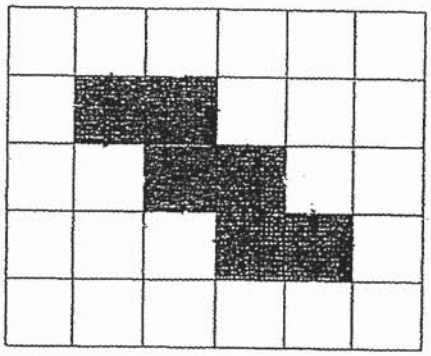
(4) 12.14 p.m.

( )

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9 The shaded figure below is made up of 1-cm squares.



The perimeter of the shaded figure is _____ cm.

(1) 6
(2) 8
(3) 12
(4) 14

( )

10 The difference between 2 numbers is 188.
The bigger number is 3 times the smaller number.
What is the bigger number?

(1) 192
(2) 282
(3) 564
(4) 752

( )

11 Alan has 87 marbles. He wants to put them all into trays.
Each tray can hold a maximum of 9 marbles.
What is the minimum number of trays he needs?

(1) 9
(2) 10
(3) 11
(4) 12

( )

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12 Ali is 110 cm tall.

He is 15 cm taller than John.

What is the total height of the two boys?

(1) 2 m 5 cm

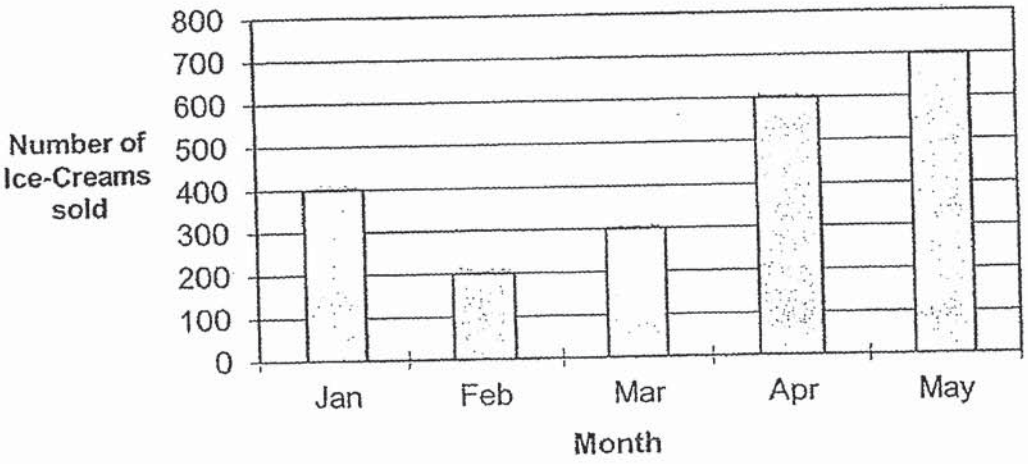
(2) 2 m 50 cm

(3) 20 m 5 cm

(4) 20 m 50 cm

( )

13 The bar graph below shows the number of ice-creams sold over 5 months.



How many more ice-creams were sold in May than in March?

(1) 300

(2) 400

(3) 900

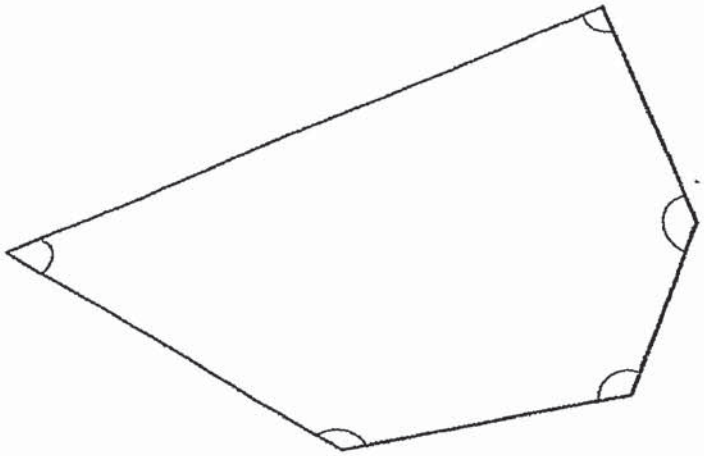
(4) 1000

( )

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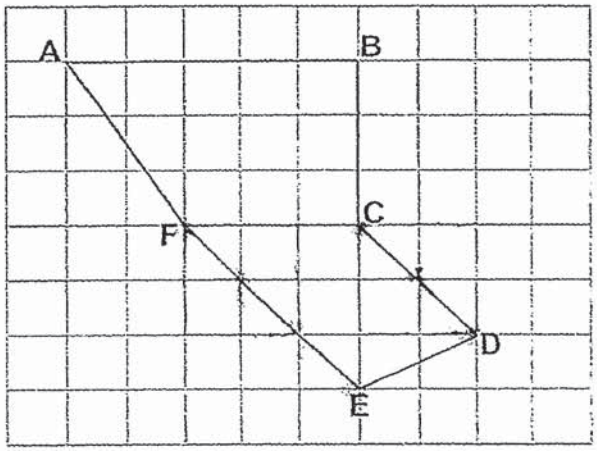
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14 How many marked angles in the figure are greater than a right angle?



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

15 Look at the figure in the square grid below.



Which 2 lines will make a pair of parallel lines?

(1) AB and BC
(2) AF and BC
(3) CD and FE
(4) AB and ED ( )

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Section B: (15 × 2 = 30 marks)

Solve each of the following problems. Show all your working and statements clearly.

Write your answers in the space provided.

16 4586 is 100 less than _____.

Ans: _____

17 What is the missing number in the box below?

$$\begin{array}{r} 4\square 1 \\ \times \quad\quad 7 \\ \hline 3437 \end{array}$$

Ans: _____

18 Jane needs 18 packets of flour.



How much would she need to pay altogether?

Ans: $_____

6

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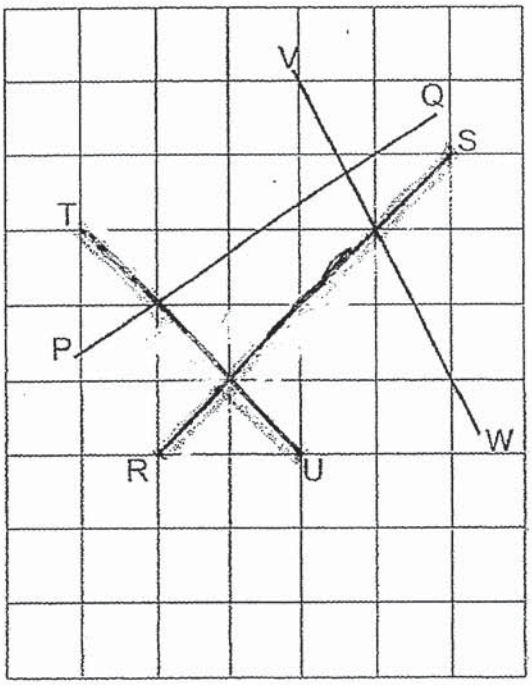
19 When a number is divided by 3, it gives a quotient of 47 and a remainder of 2.
What is the number?

Ans: _____

20 Find the value of $\frac{1}{2} + \frac{3}{10}$.
Give your answer in the simplest form.

Ans: _____

21 Name a pair of perpendicular lines in the figure below.

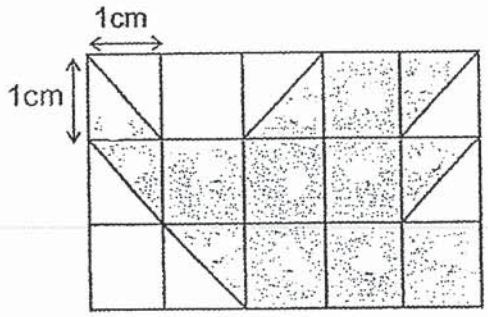


Ans: _____ ⊥ _____

6

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22 What is the area of the shaded figure?



Ans: _____ cm^2

23 What is the smallest 4-digit even number that can be formed using 6, 3, 8, 9?

Ans: _____

24 Complete the following number pattern.

1956 , 1967 , 2000 , 2055 , _____ , 2231

Ans: _____

6

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25 ☺ + ❋ = 9

☺ + ☺ + ☺ + ☺ + ☺ + ☺ + ☺
❋ + ❋ + ❋ + ❋ + ❋ + ❋ } 56

What is the value of ❋ ?

Ans: _____

26 What are the missing numbers below?

```
        2  3  1
     ┌─────────
   4 |  9 [a] 4
   - [b]
     ─────
     [c] 2
   -  1  2
     ──────
        0  4
      - 4
      ────
        0
      ────
```

Ans: a) _____

b) _____

c) _____

4

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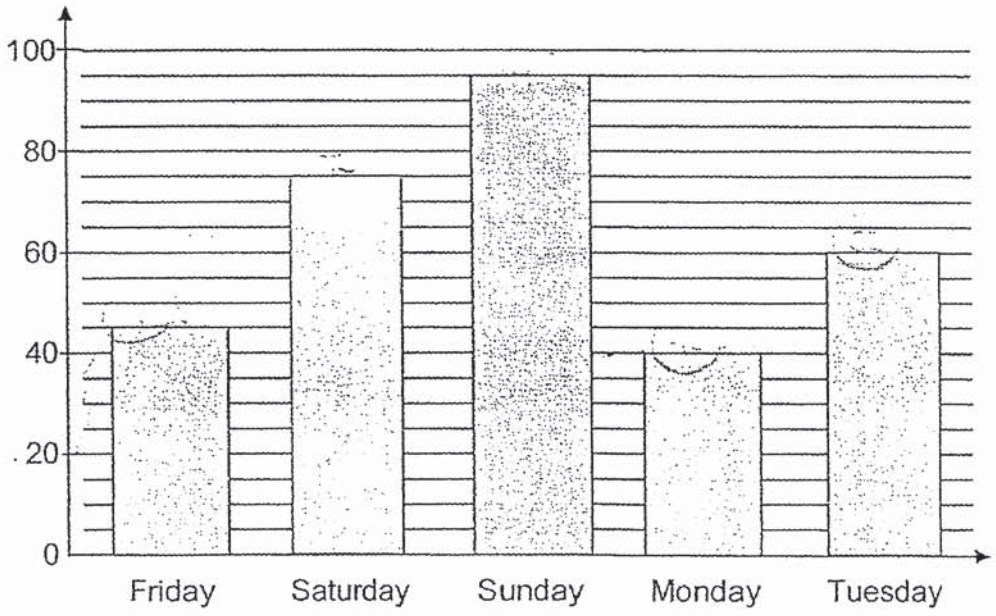
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27 2 similar bottles and 2 similar jugs can hold 2200 mℓ of water.
If the capacity of 1 bottle is 50 mℓ, find the capacity of 1 jug.
Express your answers in litres and millilitres.

Ans: _____ ℓ _____ mℓ

28 The graph below shows the number of durians sold in a shop over five days.
Study it carefully and answer the question.



How many more durians did the shop sell over the weekends than on weekdays?

Ans: _____

4

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29 The clock is set exactly at 7 p.m.

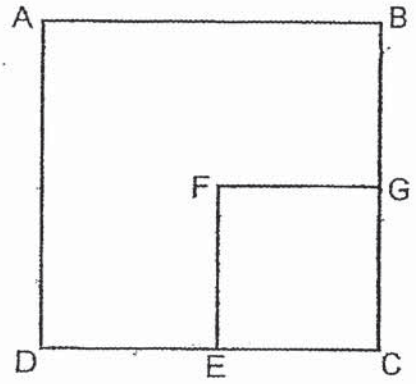
Every hour, it slows down by 4 minutes.

What is the time shown on the clock when the actual time is 10 pm?

Ans: _____ pm

30 ABCD and FGCE are squares.

How many right angles are there in the figure?



Ans: _____

4

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Section C: (5 × 4 = 20 marks)

Solve each of the following problems.
Show all your working and number equations clearly.
Write your answers in the spaces provided.

Working

31 Daniel and Pete had 108 erasers altogether.

Daniel and Jon had 44 erasers altogether.

Pete had 5 times as many as Jon.

(a) How many more erasers did Pete have than Jon?

(b) How many erasers did Daniel have?

Ans: a) _____ [1m]

Ans: b) _____ [3m]

4

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Working

32 Sandy has $67 less than Teri.
Sandy has $59 less than Rachel.
They have $1293 altogether.
How much money does Rachel have?

Ans: _____

4

(Go to the next page)

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Working

33 Su Mei used 3 squares to form a rectangle as shown below.

The perimeter of the rectangle is 40 cm.

(a) What is the length of the longer side of the rectangle?

(b) What is the area of the rectangle?

Ans: a) _____ [3m]

Ans: b) _____ [1m]

4

(Go to the next page)

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Working

34 There are a total of 28 motorcycles and cars in a carpark.

There are 98 wheels altogether.

How many motorcycles are there?

Ans: _____

4

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Working

35 Mr Muthu is 30 years older than his son now.
In 5 years' time, he will be 3 times as old as his son.
How old is Muthu now?

Ans: _____

4

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SCHOOL : PEI HWA PRIMARY SCHOOL

LEVEL : PRIMARY 3
SUBJECT : MATH
TERM : 2019 SA2

BOOKLET A

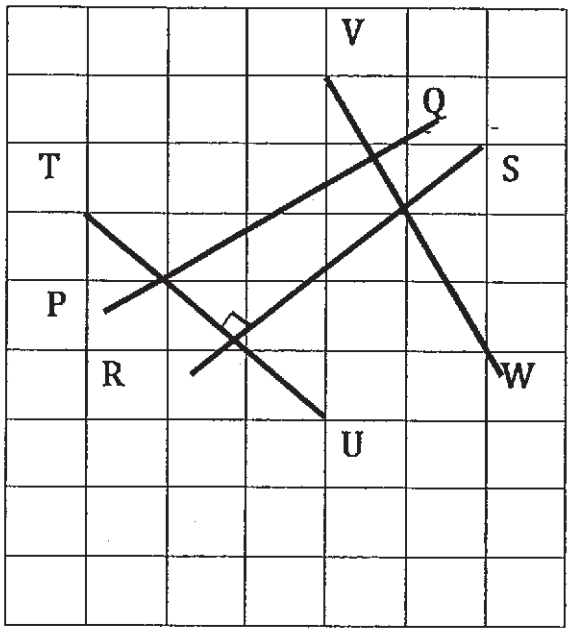
Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	3	3	4	2	1	1	4	4	2
Q 11	Q12	Q13	Q14	Q15					
2	1	2	3	3					

BOOKLET B

Q16)	$4586 + 100 = 4686$
Q17)	4 [9] 1 x7 = 3437 Ans : 9
Q18)	$18 \div 3 = 6$ $6 \times 2 = 12$ $12 \times 2 = \$24$
Q19)	$? \div 3 = 47\ R2$ $47 \times 3 = 141$ $141 + 2 = 143$
Q20)	$\frac{1}{2} + \frac{3}{10} = \frac{5}{10} + \frac{3}{10}$ $= \frac{8}{10} = \frac{4}{5}$

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Q21)	 Ans : TU ⊥ RS
Q22)	$10cm^2$
Q23)	3698
Q24)	$2055 + 77 = 2132$
Q25)	$9 \times 6 = 54$ $56 - 54 = 2$ $9 - 2 = 7$
Q26)	Ans : a)2 b)8 c)1
Q27)	$50 \times 2 = 100$ $2200 - 100 = 2100$ $2100 \div 2 = 1050 \rightarrow 1l\ 50ml$
Q28)	$75 + 95 = 170$ $45 + 40 + 60 = 145$ $170 - 145 = 25$
Q29)	10p.m – 7p.m = 3h $3 \times 4 = 12$ min

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	10p.m – 12min = 9.48p.m
Q30)	9
Q31)	D + P = 108 D + J = 44 D + P + J = 152 a)108 – 44 = 64 b)44 – 16 = 28
Q32)	$59 + $67 = $126 $1293 - $126 = $1167 $1167 ÷ 3 = $389 $389 + $59 = $448 (Rachel)
Q33)	a)1 side = 40cm ÷ 8 = 5cm 3 x 5 = 15 cm b)Area 15 x 5 = 75cm^2
Q34)	28 x 4 =112 112 – 98 =14 14 ÷ 2 = 7
Q35)	Now 2 u = 30 1u = 30 ÷ 2 = 15 (son in 5 yrs time) 3u = 3 X 15 = 45 45 – 5 = 40

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