



Pei Hwa Presbyterian Primary School
Semestral Assessment 2 – 2010
Mathematics
Primary 2
(Time: 1 hour 30 min)

Total	
	100



Name: _____ ()

Class: _____ (2)

Date : _____

Parent's Signature: _____

Section A (20 x 2 = 40 marks)

Choose the correct answer and write its number in the brackets provided.

1. The digit 8 in 839 is in the _____ place.

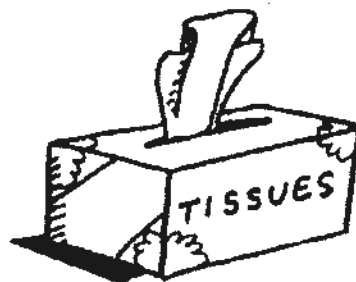
(1) ones

(2) tens

(3) hundreds

(4) thousands ()

2. How many flat surfaces does this tissue box have?

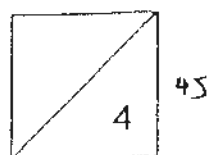


(1) 6

(2) 5

(3) 3

(4) 4 ()



3. Add 21 to the difference of 537 and 291.

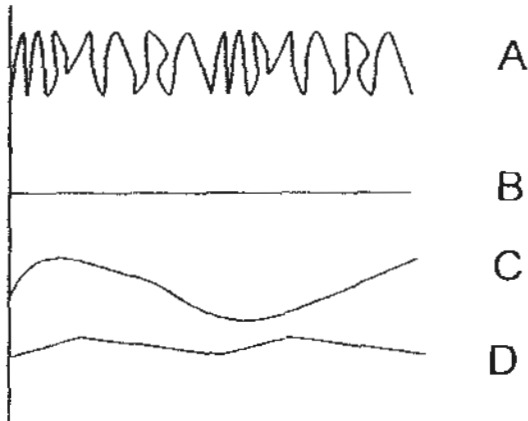
(1) 225

(2) 246

(3) 267

(4) 367

4. Which of the following strings has the longest length?



(1) A

(2) B

(3) C

(4) D

()

5. Which of the following has the greatest value?

(1) 2 tens

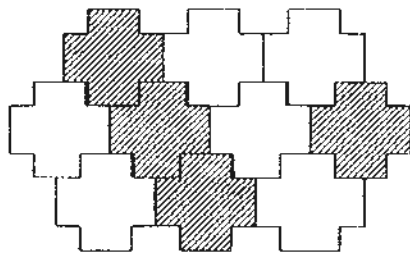
(2) 3 nines

(3) 4 sevens

(4) 5 fives

()

6. What fraction of the figure is not shaded?



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

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

(3) $\frac{4}{10}$

(4) $\frac{6}{10}$ ()

7. 3 tens 2 ones = 4 x



(1) 8

(2) 5

(3) 3

(4) 9 ()

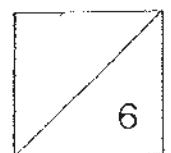
8. Which of the following fractions is the smallest?

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

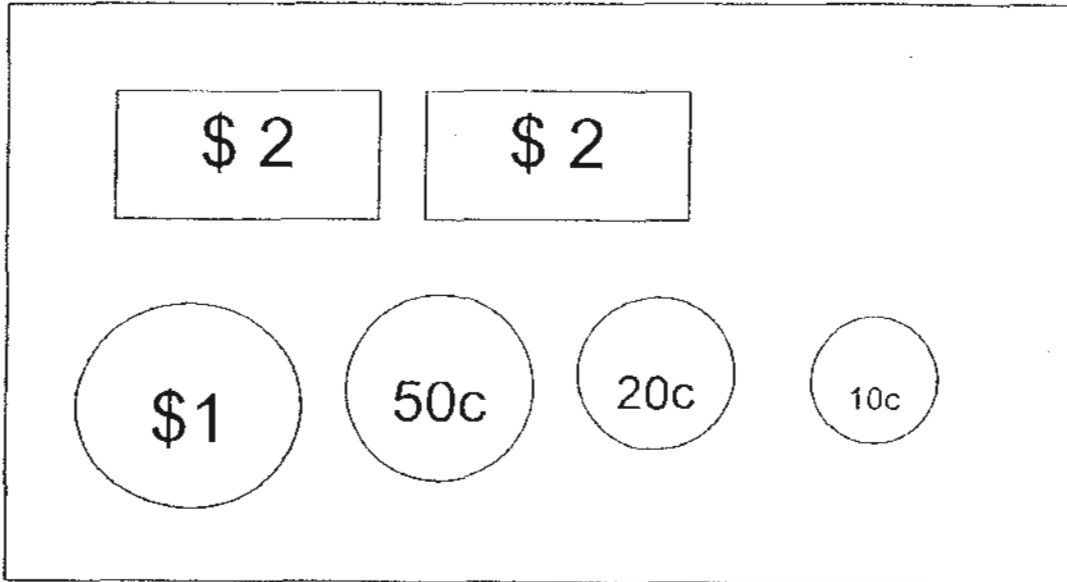
(2) $\frac{1}{4}$

(3) $\frac{1}{5}$

(4) $\frac{1}{6}$ ()



9. Refer to the box below. Mandy has _____ altogether.



(1) \$3.80

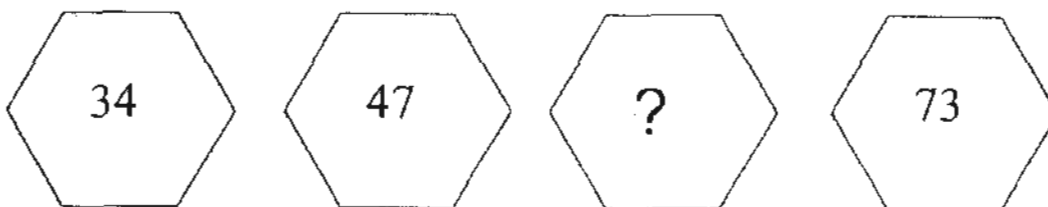
(2) \$4.90

(3) \$5.70

(4) \$5.80

()

10. What is the missing number?



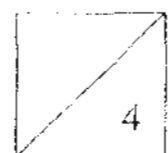
(1) 13

(2) 53

(3) 60

(4) 70

()



11. A tank is leaking 2 litres of water each day. If there was 35 litres of water in the tank at first, how much water was left in the tank after 4 days?

(1) 8 litres

(2) 27 litres

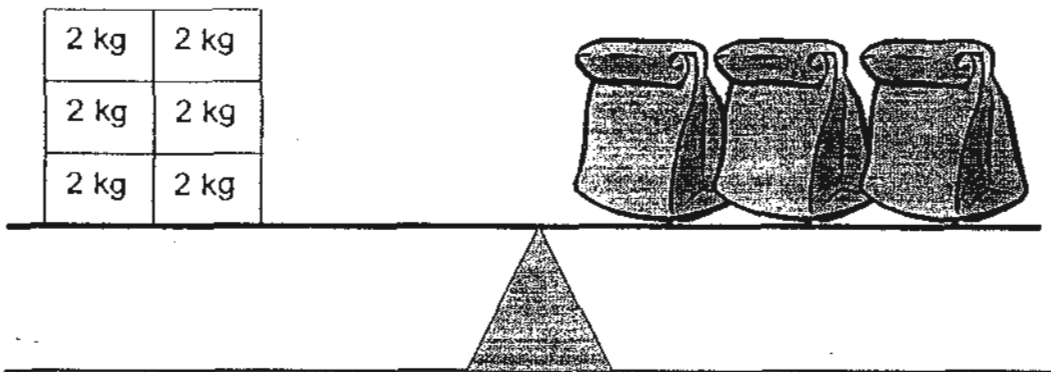
(3) 33 litres

(4) 43 litres

()

12. The mass of the 3 sacks of flour is the same.

The mass of one sack of flour is _____ kg.



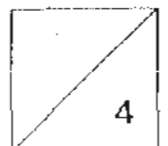
(1) 12

(2) 2

(3) 6

(4) 4

()



13. Timothy ate $\frac{1}{4}$ of a bar of chocolate. After that, he gave the rest to his cousin.

What fraction of the bar of chocolate did he give to his cousin?

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

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

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

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

14. $24 \div 3 = \square - 15$

(1) 7

(2) 8

(3) 21

(4) 23 ()

15. George was cleaning the house.

He started cleaning the house at 9.30 a.m.

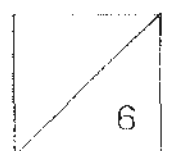
If he stopped cleaning at 10.30 a.m., how long did he clean the house?

(1) 1 minute

(2) 30 minutes

(3) 60 minutes

(4) 100 minutes ()



16. 3 groups of 4 =

(1) $3 + 4$

(2) $4 + 4 + 4$

(3) $3 \times 3 \times 3 \times 3$

(4) $4 \times 4 \times 4$ ()

17. Carol wants to make 35 litres of orange juice for her birthday party. She uses 16 litres of syrup.

How much water does she need to add to the syrup?

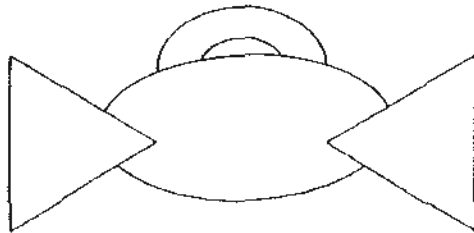
(1) 19 litres

(2) 21 litres

(3) 41 litres

(4) 51 litres ()

18.



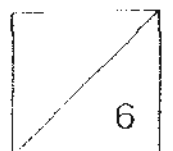
There are _____ **more** straight lines than curved lines in the above figure.

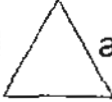
(1) 1

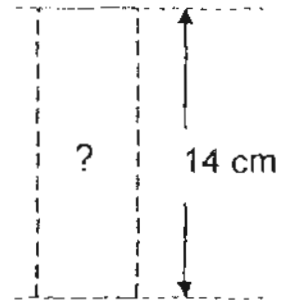
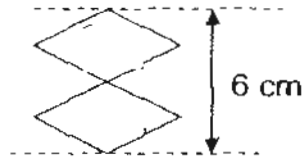
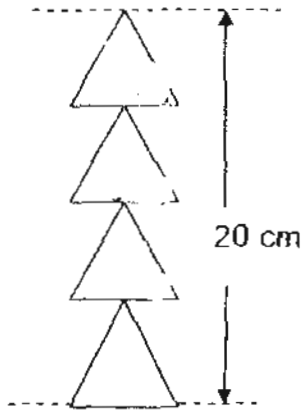
(2) 2

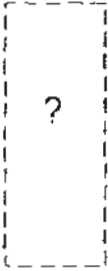
(3) 3

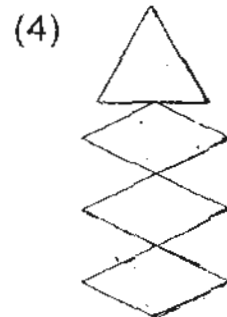
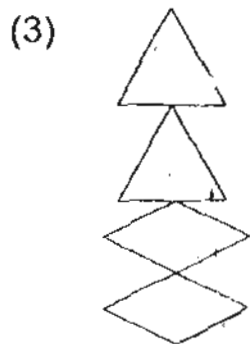
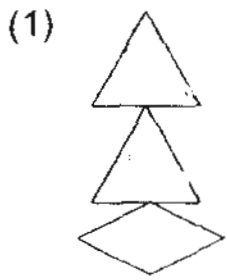
(4) 4 ()



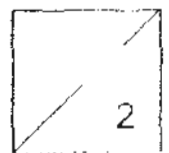
19. The figures below are made up of identical  and/or .



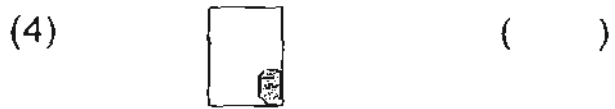
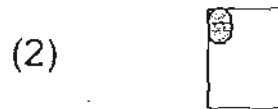
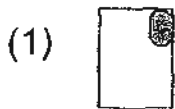
Which one of the following shows what this figure  could be?



()



20. Study the patterns below carefully. Which pattern should come next?



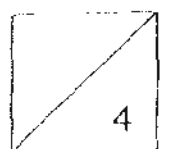
Section B (20 x 2 = 40 marks)

Write the correct answer in the blanks provided.

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

21. Write in words.

847	
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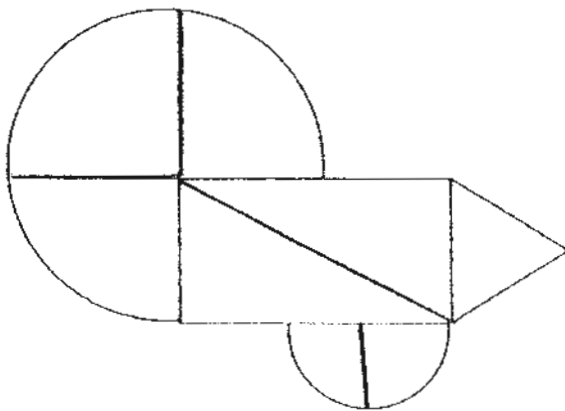


22. There were 652 passengers in an MRT train.
At the next station, 153 passengers got off the train.
How many passengers were left on the train now?

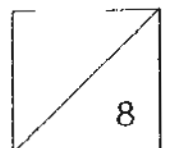
23. What is the missing number in the box?

Three hundreds 9 tens =

24. In the figure below, use a ruler to draw straight lines to show that it is made up of 5 quarter circles and three triangles only.



25. 105 minutes = hours minutes



26. I am a two digit number.

The difference between my tens digit and ones digit is 1.

My digits add up to 13.

What number am I?

27. Ming Ming's class has just arrived at the zoo.

The time is 10.15 a.m.

They took 30 minutes to travel from the school to the zoo.

What time did they set off from the school to go to the zoo?

 a.m.

28. Arrange the fractions from the **greatest to the smallest**.

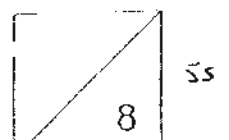
$$\frac{2}{5}, \frac{2}{3}, \frac{2}{11}$$

_____ greatest _____ smallest _____

29. Samuel bought a pizza. He cut it into 9 equal slices.

He ate 3 slices and gave each of his two brothers

a slice each. What fraction of the pizza was left?



30. Put either **g** or **kg** in the boxes below.



(a) A chair weighs about 2




(b) An apple weighs about 40

31. Mrs Ong bought 3 boxes of lollipops.

If there were 6 lollipops in each box, how many lollipops were there altogether?

lollipops

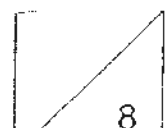
32.  ×  = 25

 +  +  =

33. There were 400 litres of water in a tank. Muthu poured away some of the water and 189 litres of water was left in the tank. How many litres of water did Muthu pour away?

:

litres



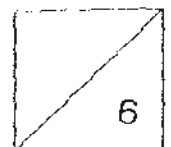
34. Amanda baked 36 cookies. She packed them into boxes.
Each box has 4 cookies.
How many boxes does she need to pack all the cookies?

boxes

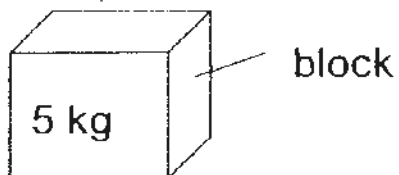
35. Bala bought a storybook. He gave the cashier two \$10 notes and received \$3 change.
How much did the storybook cost?

\$

36. Mei Ling has 32 m of string.
She cuts the string into equal pieces.
Each piece of string is 4 m long.
How many pieces of string will she have in the end?



37. A block has a mass of 5 kg.



The table below shows the mass of 3 children.

Name	Mass
Mary	25 kg
Noel	32 kg
Farhan	40 kg

Which one of them has a mass nearest to the total mass of 6 blocks?

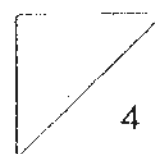
38. Bob had some toy model planes.

On Monday, he painted $\frac{2}{8}$ of them green.

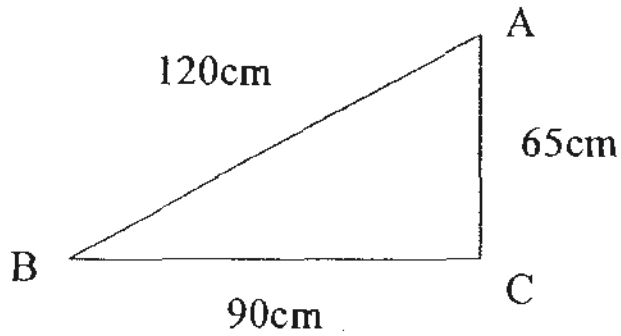
On Tuesday, he painted some more of them green.

As a result, $\frac{5}{8}$ of them are green now.

What fraction of his planes did he paint on Tuesday?



39.

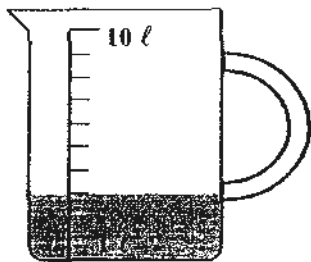


The shortest side of the triangle is shorter than the longest side of the triangle by cm.

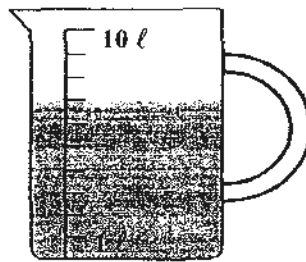
40.

Raju and Fandi have some orange juice each.

How much orange juice must Raju give to Fandi so that both of them would have an equal amount of orange juice?



Fandi's



Raju's

litres



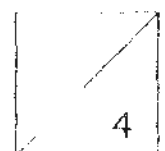
Section C : (5 x 4 = 20 marks)

Solve each of the following problem sums.
Show all your workings and statements clearly.
Write your answers in the space provided.

Working

41. Mindy has a collection of red and blue beads.
She has 432 blue beads.
She has 129 more blue than red beads.
How many beads does she have altogether?

She has _____ beads altogether.



42. The cost of 2 pencil cases is equal to 3 files.

- (a) If 1 pencil case costs \$6, what is the cost of 2 pencil cases?

The cost of 2 pencil cases is \$ _____

- (b) What is the cost of 1 file?

The cost of 1 file is \$ _____



Working

43. Mr Tan takes 2 hours to make a toy.

(a) How long does he take to make 4 such toys?

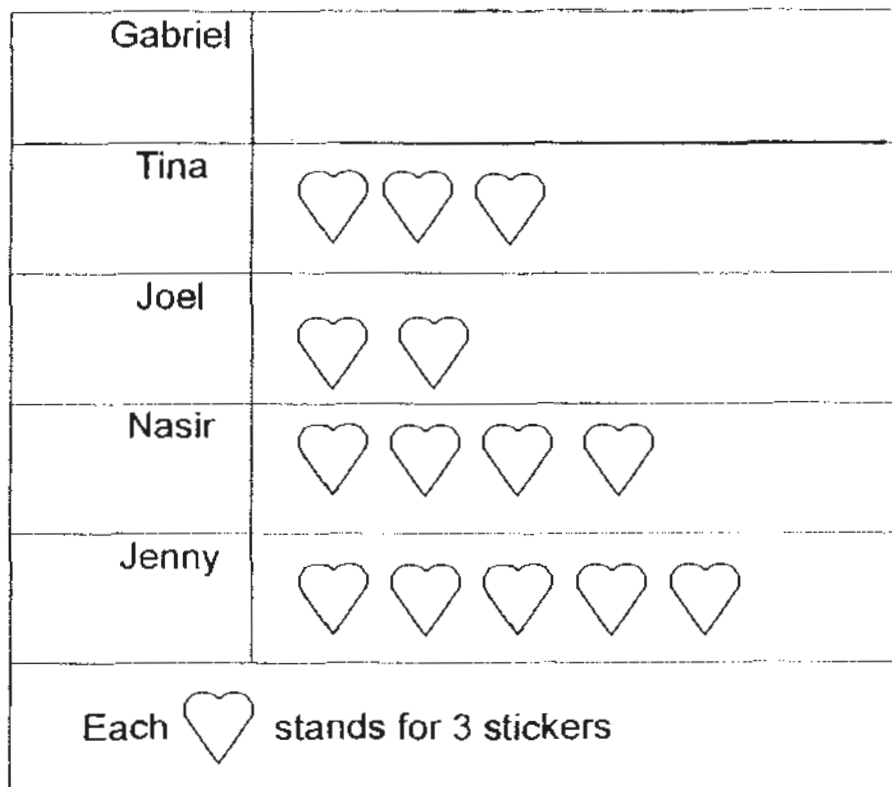
He takes _____ hours to make 4 such toys.


(b) If he works a total of 18 hours, how many toys would he have made?

He would have made _____ toys altogether.

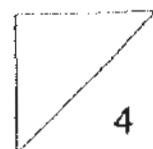


44. The picture graph below shows the number of stickers that Gabriel and his 4 friends have.



- (a) Gabriel has 9 stickers less than Jenny. Complete the graph above by drawing  (s) to show the number of stickers Gabriel has.

- (b) Which two children have 24 stickers altogether?
 _____ and _____ have
 24 stickers altogether.



45. A baker baked 258 less buns than cakes. After selling 120 buns, he still had 45 more buns left unsold. How many cakes did he bake?

He baked __ _ cakes.



**END OF PAPER
PLEASE CHECK YOUR WORK.**

ANSWER SHEET

EXAM PAPER 2010

SCHOOL : PEI HWA PRESBYTERIAN PRIMARY
SUBJECT : PRIMARY 2 MATHS

TERM : SA2

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

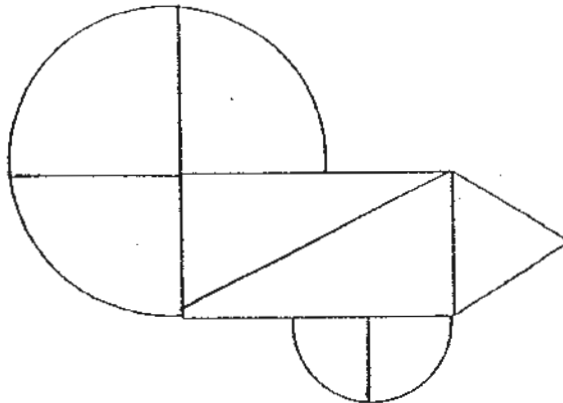
Q18	Q19	Q20
2	4	4

21) eight hundred and forty-seven

22) 499

23) 390

24)



25) 1 hr 45min

26) 67

27) 9.45am

28) $\frac{2}{3}$, $\frac{2}{5}$, $\frac{2}{11}$

29) $\frac{4}{9}$

30a) kg

30b) g

31) 18

32) 15

33) 211

34) 9

35) 17




36) 8

37) Noel

38) $\frac{3}{8}$

39) 55

40) 2

<p>41) $432 - 129 = 303$ $432 + 303 = \underline{735}$</p>	<p>42a) $\\$6 + \\$6 = \underline{\\$12}$ 42b) $\\$12 \div 3 = \underline{\\$4}$</p>		
<p>43a) $4 \times 2 = \underline{8}$ 43b) $18 \div 2 = \underline{9}$</p>	<p>44a)</p> <table border="1" data-bbox="778 555 1353 683"> <tr> <td data-bbox="778 555 927 683">Gabriel</td> <td data-bbox="932 555 1353 683">  </td> </tr> </table> <p>44b) Jenny and Tina</p>	Gabriel	
Gabriel			
<p>45) $120 + 45 = 165$ $165 + 258 = 423$</p>			