# Maha Bodhi School

## 2010 Semestral Assessment 2

### Mathematics

Name : _____ ( )

Date : 1 November 2010

Class : Pr. 2 _____

Duration : 1 h 30 min

Parents' Signature : _____

| | |
|---|---|
| Section A ( 20 marks ) | |
| Section B ( 60 marks ) | |
| Section C ( 20 marks ) | |
| Total ( 100 marks ) | |

## Section A ( 20 marks )

Questions 1 to 10 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). Write your option in the brackets provided.

1. The digit _____ in 820 and 208 has the same value.
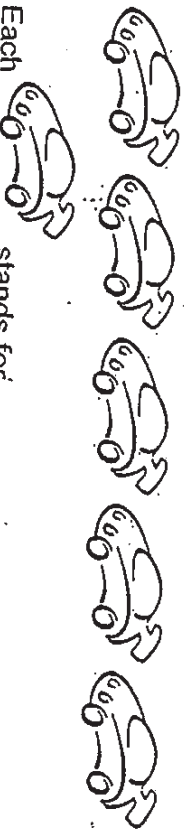
   (1) 0
   (2) 2
   (3) 8
   (4) 10

   ( )

2.  Subtract 68 from 773.

    The answer is _____

    (1) 615
    (2) 705
    (3) 715
    (4) 841

    (     )

3.  

    Each [car] stands for _____ cars.

    [cars] stand for 20 cars.

    (1) 30
    (2) 20
    (3) 5
    (4) 4

    (     )

4.  5 sixes is equal to _____

    (1) 56
    (2) 5 + 6
    (3) 5 × 5 × 5 × 5 × 5
    (4) 6 + 6 + 6 + 6 + 6

    (     )

5.  1000 is 80 tens and _____ hundreds.
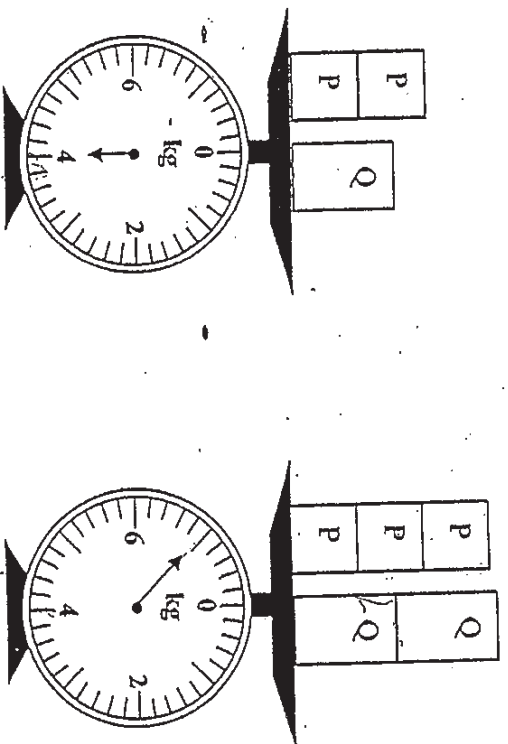
    (1) 920
    (2) 2
    (3) 20
    (4) 200

    (     )

6. Hazel has 527 crystal beads. She needs 289 fewer plastic beads than crystal beads to make a necklace. How many plastic beads does she need?

   (1) 238
   (2) 362
   (3) 706
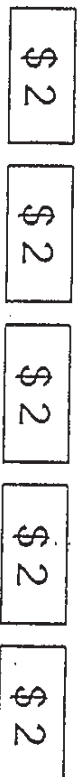   (4) 816

   (            )

7. 

   What is the total mass of one Box P and one Box Q?

   (1) 1 kg
   (2) 7 kg
   (3) 3 kg
   (4) 4 kg

   (            )

8. 5 two-dollar notes can be exchanged for _____ twenty-cent coins.

| $2 | $2 | $2 | $2 | $2 |

(1) 5
(2) 10
(3) 25
(4) 50

( )

9. The figure below is made up of 2 similar squares. What fraction of the figure is <u>not shaded</u>?



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

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

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

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

( )

10. Andrew reached the library at 2.20 p.m. It took him 15 minutes to walk from his house to the library. At what time did he leave his house?

(1) 1.30 p.m.
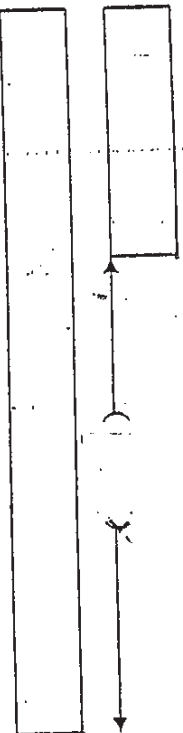(2) 2.05 p.m.
(3) 2.15 p.m.
(4) 2.35 p.m.

( )

## Section B ( 60 marks )

Questions 11 to 40 carry 2 marks each.

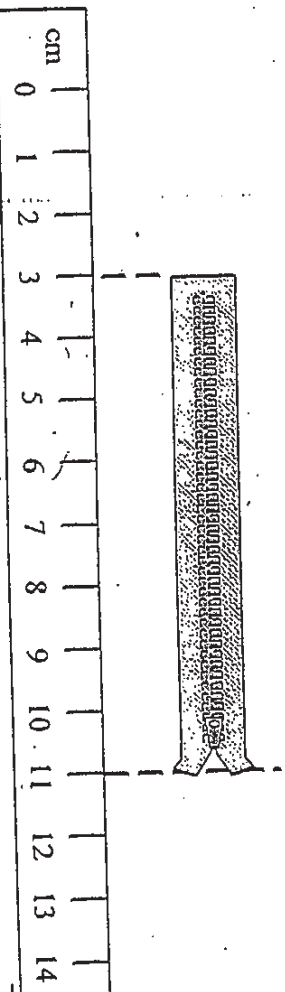Write your answers in the boxes provided.

Show your working in the space provided. Marks will be awarded for correct method shown.

11. _____ is 563 less than 1000.

Fill in the brackets below.

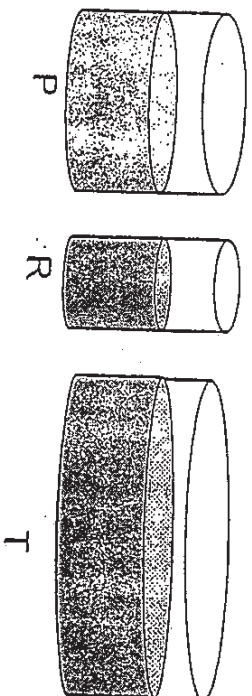12. The length of the zipper shown below is about _____ cm.
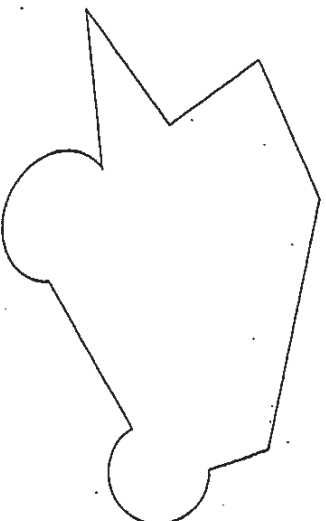


Answer: [ ] cm

13. Divide 16 by 2.

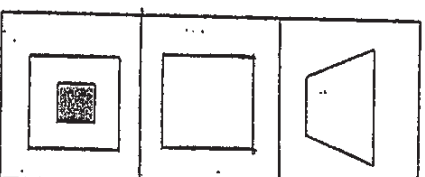Answer: [ ]

14. Which container has the most amount of water?
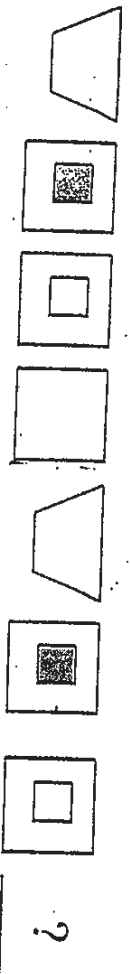
P    R    T

Answer: Container [ ]

15. How many curved lines and straight lines are there in the figure below?

Answer:

_____ curved lines

_____ straight lines

16. What is the next shape in the pattern shown below?
    Circle the correct shape.

?

17. Arrange the numbers in order, beginning with the greatest.

859 , 589 , 958 , 895

Answer: _____ , _____ , _____ , _____

18. There were 404 visitors at the Expo Book Fair. 275 were adults and the rest were children. How many children were at the Expo Book Fair?
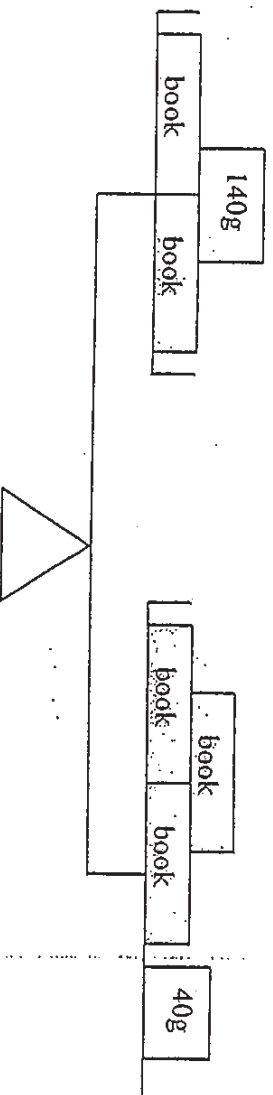
Answer: | children |

19. Josephine has 300 ribbons. 128 of the ribbons are red, 60 of them are blue and the rest are yellow. How many yellow ribbons are there? Fill in the brackets below.

| Red ribbons | Blue ribbons | Yellow ribbons |

( ) — ( ) — ( ) = ( )

20.
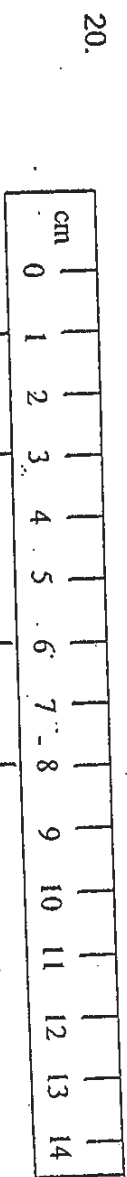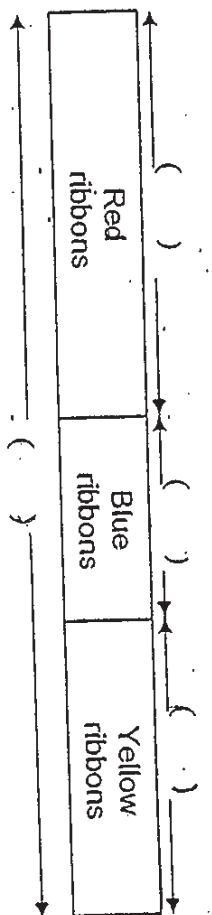


The crayon is _____ cm longer than the eraser.

Answer: | cm |

21. The 5 books on the scale below have the same mass.



| book | 140g | book |

| book | book | 40g |

The total mass of 2 books is ———— g.

Answer: [ g ]

22. Helen and 2 of her friends bought some pencils. They bought 30 pencils altogether. If each of them bought the same number of pencils, how many pencils did each child buy?

Answer: [ pencils ]

23. 3 boxes of crayons cost $30. How much do 7 boxes of such crayons cost?

Answer: $ [ ]

24. Weiling bought 2 similar dolls which cost $8 each. She gave the cashier some money and received $34 change. How much did she give the cashier?
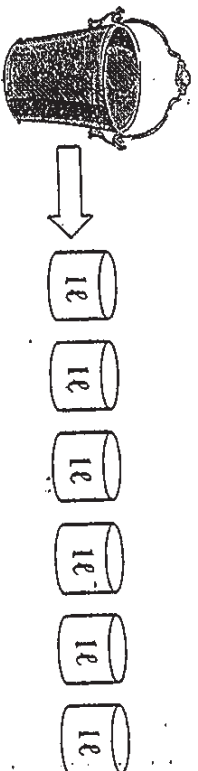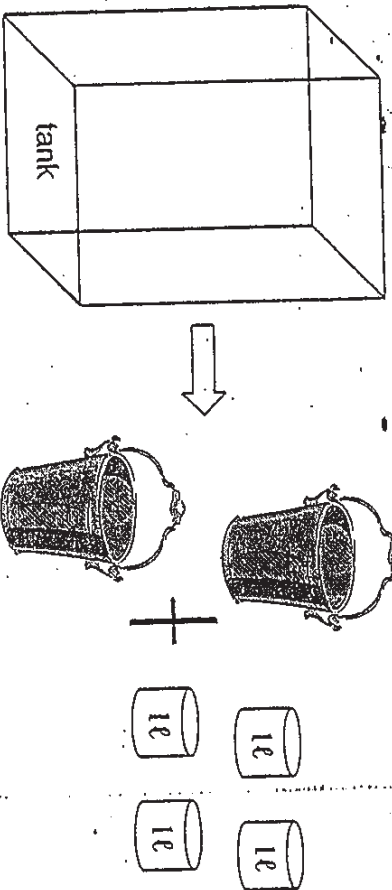
Answer: $ [ ]

25. Charles ate $\frac{1}{8}$ of the cake and gave away $\frac{2}{8}$ of it. What fraction of the cake was left?

Answer: 

26. The time now is 11.40 a.m. Jane's watch is 40 minutes fast.
What is the time shown on Jane's watch now?

Answer: 

p.m.

27.

tank

1ℓ 1ℓ

+

1ℓ 1ℓ
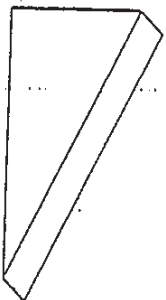
1ℓ 1ℓ

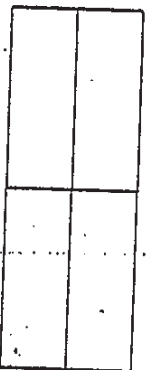1ℓ 1ℓ 1ℓ 1ℓ 1ℓ 1ℓ

The tank can hold _____ ℓ of water.

Answer: 

ℓ

9

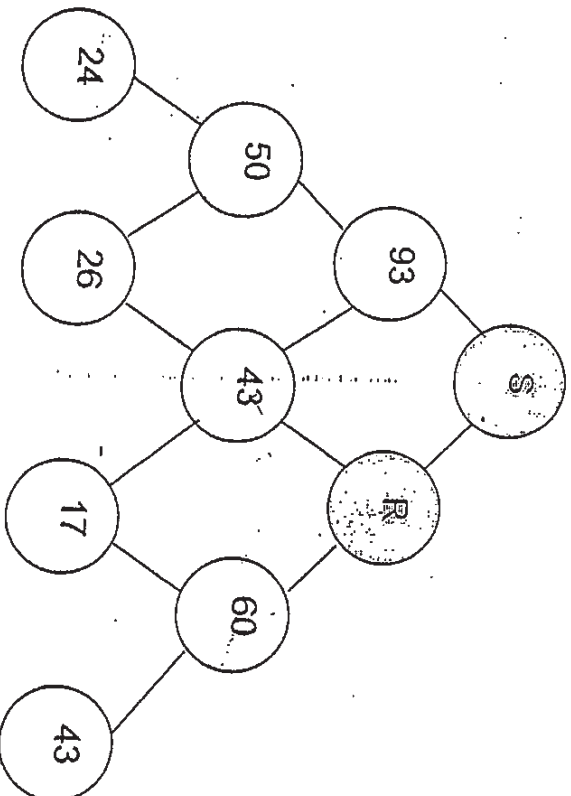28. How many faces are there in the figure below?



Answer: _____ faces

29. How many rectangles are there in the figure below?



Answer: _____ rectangles

30. Study the number pattern carefully. Find the value of R and S.



Answer:

R = _____

S = _____

**31.**

$\;6\;$ $\;8\;$ $\;5\;$ $\;3\;$ $\;7\;$ $\;2\;$
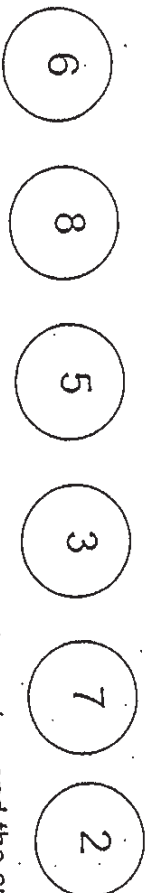
What is the difference between the largest 3-digit number and the smallest 3-digit number that can be formed with the digits above?

(Note: Each digit can be used only once.)

Answer: _____

**32.** Raj bought 5 files and had $38 left. If he had $53 at first, find the cost of each file.

Answer: $ _____

**33.** Mingming has $18 and Stamford has 900 cents less than Mingming. How much does Stamford have?

Answer: $ _____

**34.** There are 4 watermelons in each basket. There is 1 more apple than watermelon in each basket. How many apples are there in 5 such baskets?

Answer: _____ apples

35. 4 pineapples cost $3. How much do 36 pineapples cost?
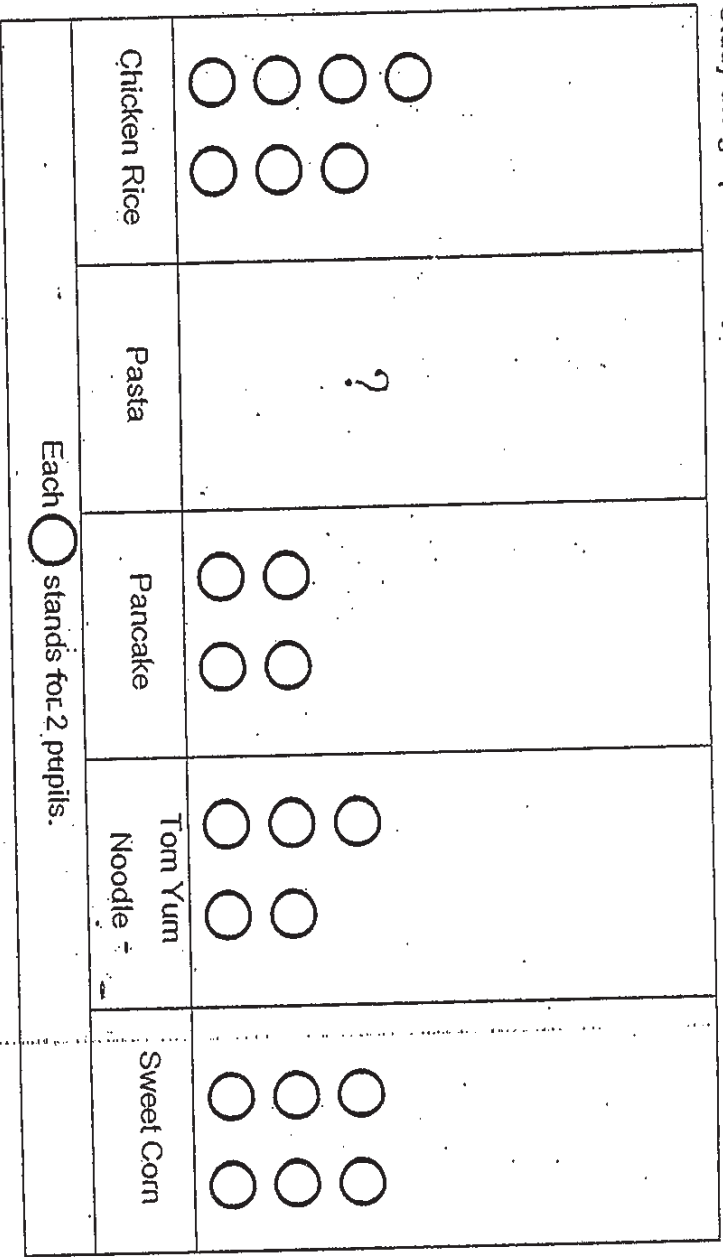
Answer: $ ☐

36. How many times does the digit 4 appear in numbers 1 to 50?

Answer: ☐

37. A pizza is divided into 12 equal pieces. James took 6 pieces and Ronald took some. $\frac{2}{12}$ of the pizza was left. How many pieces of pizza did Ronald take?

Answer: ☐ pieces

The picture graph below shows the favourite food of a group of pupils.

Study the graph carefully and answer Questions 38 to 40.

| Chicken Rice | Pasta | Pancake | Tom Yum Noodle | Sweet Corn |
|---|---|---|---|---|
| ○○○○ ○○○ | ? | ○○ ○○ | ○○○ ○○ | ○○○ ○○○ |

Each ○ stands for 2 pupils.

38. How many pupils chose Sweet Corn as their favourite food?

Answer: _____ pupils

39. The number of pupils who chose Pasta was twice the number of pupils who chose Pancake. How many ○ do you have to draw on the graph?

Answer:

40. Half the number of pupils who chose Chicken Rice and Tom Yum Noodles are girls. How many boys chose Chicken Rice and Tom Yum Noodles?

Answer: boys ~~pupils~~

Section C ( 20 marks )

Questions 41 to 45 carry 4 marks each.

Show your number sentences and working clearly in the space below each question.

41.   John sold 188 books on Monday.  On Tuesday, he sold 63 more books than on Monday.  On Wednesday, he sold 77 books.  How many books did he sell in these three days?

He sold _____ 'books in these three days.

42.   A rope which is 32 m long is cut into 2 pieces.

The shorter piece is 11 m.

The longer piece is cut into 3 equal pieces.

What is the length of each of the 3 equal pieces?

The length of each of the 3 equal pieces is _____ m.

14

43. The cost of 4 files is the same as the cost of 10 bookmarks. Each file costs $5.
How much do 4 bookmarks cost?

4 bookmarks cost $ _____

44. Mrs. Lopez had twice as much flour as sugar. After using 225 g of flour, she had the same amount of flour and sugar left. How much flour and sugar did she have at first?

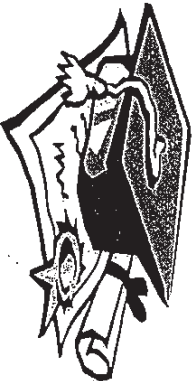She had _____ g of flour and sugar at first.

45. Suzan made 104 litres of lemonade. She gave 9 litres of lemonade to each of the 10 stalls. How much lemonade does Suzan have left?

Suzan has _____ litres of lemonade now. left

Remember to check your work!
Every mark counts.

– End of Paper –

# ANSWER SHEET

**EXAM PAPER 2010**

SCHOOL : MAHA BODHI SCHOOL.
SUBJECT : PRIMARY 2 MATHEMATICS

TERM : SEMESTRAL ASSESSMENT 2

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 |
|----|----|----|----|----|----|----|----|----|-----|
| 1  | 2  | 4  | 4  | 2  | 1  | 3  | 4  | 3  | 2   |

Q11)437, 563, 1000

Q12)8cm

Q13)8

Q14)Container T

Q15)2 curved lines, 7 straight lines

Q16) ☐

Q17)958,895,859,589

Q18)129        Q19)128, 60, 112, 300

Q20)4cm        Q21)200g       Q22)10        Q23)$70       Q24)$50       Q25)5/8
Q26)12.20pm    Q27)16         Q28)5         Q29)9         Q30) R=103, S=196
Q31)641        Q32)$3         Q33)$9        Q34)25        Q35)$27
Q37)4          Q38)12         Q39)8         Q40)12        Q36)15

Q41) 188+63=251
     251+188+77=516
He sold 516 books in these three days.

Q42) 32m-11m=21m
     21m÷3=7m
The length of each of the 2 equal pieces is 7m.

Q43) $5x4=$20
     $20÷10=$2
     $2x4=48
4-bookmarks cost $8.

Q44) 1unit→225g
     3units→225g
     225gx3=675g
She had 675g of flour and sugar at first.

Q45) 9lx10=90l
     104l-90l=14l
Suzan has 14 litres of lemonade left.