Maha Bodhi School

2008 Semestral Assessment 1

Mathematics

Name :_____ (     )

Class : Pr 4 _____

Date  : 9 May 2008

Duration : 1 h 45 min

## BOOKLET A

**Section A ( 40 marks )**

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 oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1.     Eighty thousand, eight hundred and eight is _____ in numerals.

(1)     18 808
(2)     18 880
(3)     80 808
(4)     80 880–

2.     In the numeral, 62 709, the digit 2 stands for _____.

(1)     2 x 10 000
(2)     2 x 1000
(3)     2 x 100
(4)     2 x 10

3.     Solve $5 - \dfrac{3}{7}$

(1)     $\dfrac{2}{7}$

(2)     $\dfrac{4}{7}$
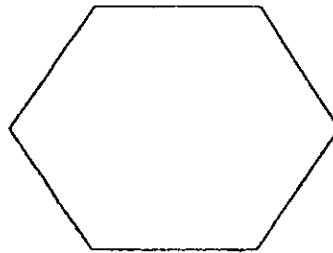
(3)     $4\dfrac{4}{7}$

(4)     $5\dfrac{3}{7}$

4.   A rectangle has _____ right angle(s).
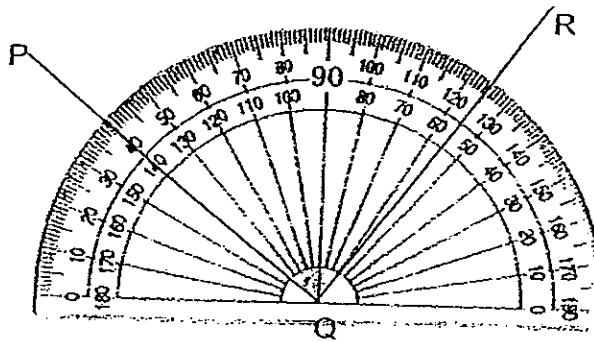
   (1)   1
   (2)   2
   (3)   3
   (4)   4

5.   Study the figure below.

How many pairs of parallel lines are there?

   (1)   1 pair
   (2)   2 pairs
   (3)   3 pairs
   (4)   4 pairs

6.

∠ PQR = _____ °

   (1)   95
   (2)   85
   (3)   55
   (4)   40

7. Paul has 10 five-cent coins and 3 fifty-cent coins. How much money does he have in all ?

   (1)    $2.00
   (2)    $4.00
   (3)    $6.50
   (4)    $8.50

8. The sum of 554 and 896 when rounded off to the nearest hundred is _____.

   (1)    1300
   (2)    1400
   (3)    1450
   (4)    1500

9. Which one of the following is not a factor of 8 and 12?

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

10. How many quarters are there in $1\frac{1}{2}$ ?

    (1)    6
    (2)    2
    (3)    3
    (4)    4

11. Devi bought 4 kg of flour. She used $\frac{3}{8}$ of it to make bread and $\frac{1}{4}$ kg to make a cake. How much flour had she left?

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

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

    (3)    $2\frac{1}{4}$ kg

    (4)    $3\frac{1}{8}$ kg

3

12.
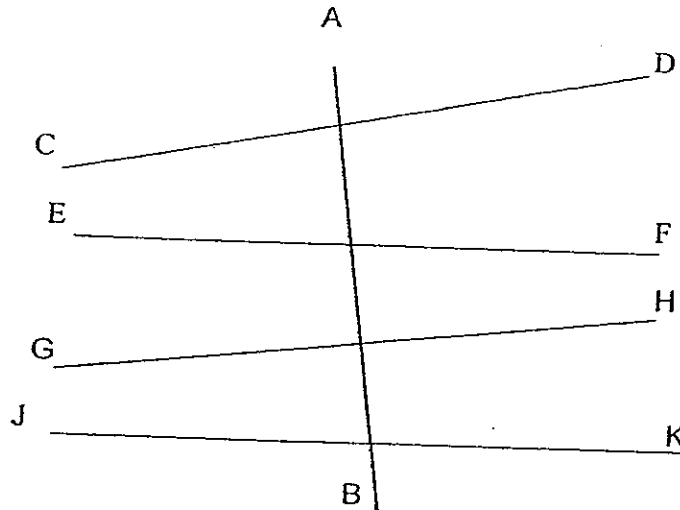


Which pair of lines is perpendicular?

(1)    EF and JK
(2)    CD and GH
(3)    AB and CD
(4)    AB and GH

13.    A toy car uses 2 batteries every 3 hours. The batteries are sold in packets of 4. How many packs of batteries would be needed to run the toy car for 24 hours?

(1)    16
(2)    12
(3)    8
(4)    4

14.    The volume of water in the measuring cylinder is _____ m$\ell$
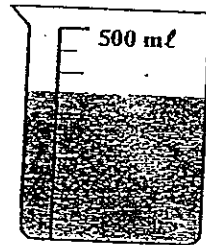


(1)    700
(2)    475
(3)    470
(4)    350

15. Jane pays $198 for two blouses and a watch. The blouse costs $29 each. How much **more** does the watch cost than a blouse?

    (1)   $58
    (2)   $70
    (3)   $111
    (4)   $140

16. Wee Kwang bought some lychees and gave away 11 of them. Annie gave him the same number of lychees that he had left. Then he put all the lychees equally into 8 baskets. Each basket contained 9 lychees.
    How many lychees did Wee Kwang buy?

    (1)   25
    (2)   47
    (3)   133
    (4)   155

17. Jenny read $\frac{1}{4}$ of a book on Saturday and $\frac{1}{8}$ of it on Sunday. There are 120 pages left to be read in the book. How many pages did she read on both days?

    (1)   72  pages
    (2)   75  pages
    (3)   192 pages
    (4)   200 pages

18. The figure is made up of a square and 2 triangles.
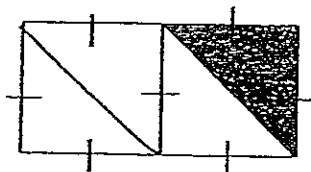


    The perimeter of the figure is 60 cm. Find the area of the **unshaded** parts.

    (1)   100 cm²
    (2)   144 cm²
    (3)   150 cm²
    (4)   225 cm²

19. The mass of a big box is 3 times that of a small box. If the big box is 720 g heavier than the small box, what is the mass of the small box?

    (1)    480 g
    (2)    360 g
    (3)    240 g
    (4)    180 g


20. Wilson is 10 years old. His father is four times his age. In how many years will Wilson be $\frac{1}{3}$ as old as his father?

    (1)    12 years
    (2)    10 years
    (3)    5  years
    (4)    4  years

## Maha Bodhi School
## 2008 Semestral Assessment 1
### Mathematics

Name :_____ (        )

Class : Pr 4 _____

Duration : 1 h 45 min

Date  :  9 May 2008

Parent's Signature :_____

| | |
|---|---|
| Section A ( 40 marks ) | |
| Section B ( 40 marks ) | |
| Section C ( 20 marks ) | |
| Total ( 100 marks ) | |

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**BOOKLET B**

**Section B ( 40 marks )**
Questions 21 to 40 carry 2 marks each.
Write your answers in the space provided.  Give your answers in the units stated.
Show your working in the space provided. Marks will be awarded for correct method shown

21.    $1560 = \boxed{\phantom{XXX}}$ X 10. The missing number in the box is _____.
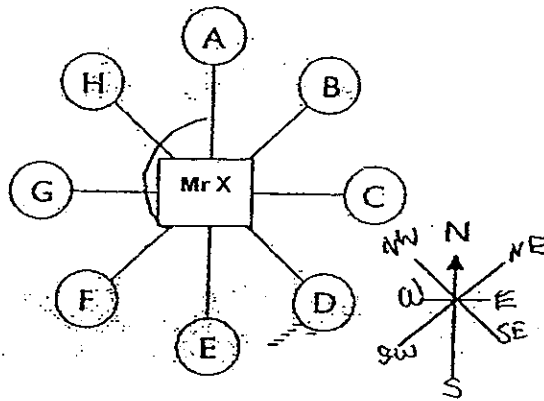
Ans: _____

22.



A line is divided into equal parts. What number does letter N represent? Write your answer as a fraction in its simplest form.
~~mixed number~~

Ans: _____

7

The figure shows a eight-point compass. Refer to the figure to answer Question 2: Question 24.



23. Mr X is facing A. In which direction is D of Mr X ?
    D is _____ of Mr X.

Ans: _____

24. Mr X is facing north. If he turns an angle of 135° in the anticlockwise direction, he will face _____.

Ans: _____

25 Find the area of a rectangle whose length is 8m and breadth is 6m.

Ans: _____ m²

26. What is the sum of the third multiple of 8 and the fifth multiple of 6 ?

Ans: _____

27. Complete the number pattern below.

4, ___, 64, 256, ___.

Ans: _____ , _____

28. $12 \times 72 = 12 \times 56 + 12 \times \boxed{\phantom{xxx}}$ . The missing number is _____

Ans: _____

29. $\dfrac{6}{8} = \dfrac{9}{\boxed{\phantom{x}}}$ . The missing number in the box is _____.

Ans: _____

30. Diana took $1\dfrac{1}{6}$ min to run 400 m. Mary took $1\dfrac{2}{3}$ min to run the same distance.

a) Who ran faster ?

b) How much faster ? Give your answer as a fraction in the simplest form.

Ans: a) _____

b) _____ min

31. Lily jogged $\dfrac{3}{8}$ km on Friday. She jogged $\dfrac{1}{2}$ km more on Saturday than on Friday.

She jogged $\dfrac{1}{4}$ km less on Sunday than on Saturday. How far did she jog on
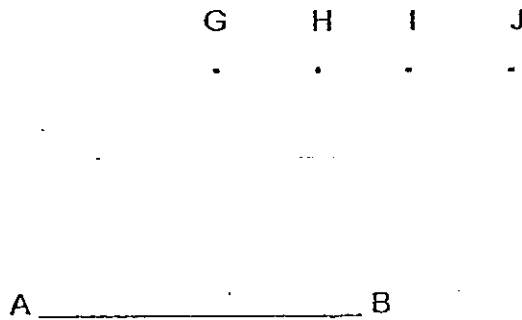
Sunday?

Ans: _____ km

9

32. The table below shows the number of MP3 players owned by a group of child...

| Number of MP3 players | Number of children |
|---|---|
| 0 | 2 |
| 1 | 4 |
| 2 | 12 |
| 3 | 6 |

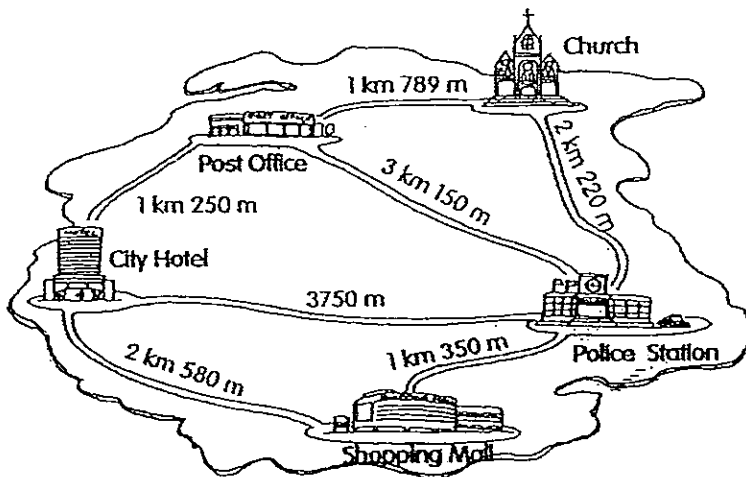How many children own more than one MP3 player ?

Ans: _____children


33. The figure shows a line AB and 4 points G, H, I and J.
Draw a straight line from Point B to one of the points G, H,I or J so as to form an angle of 80° at B.

G    H    I    J
.    .    .    .

A _____ B


34. The figure below is made up of 4 rectangles. If the total area is 48 cm² and the length of each rectangle is 6 cm , find the breadth of each rectangle.
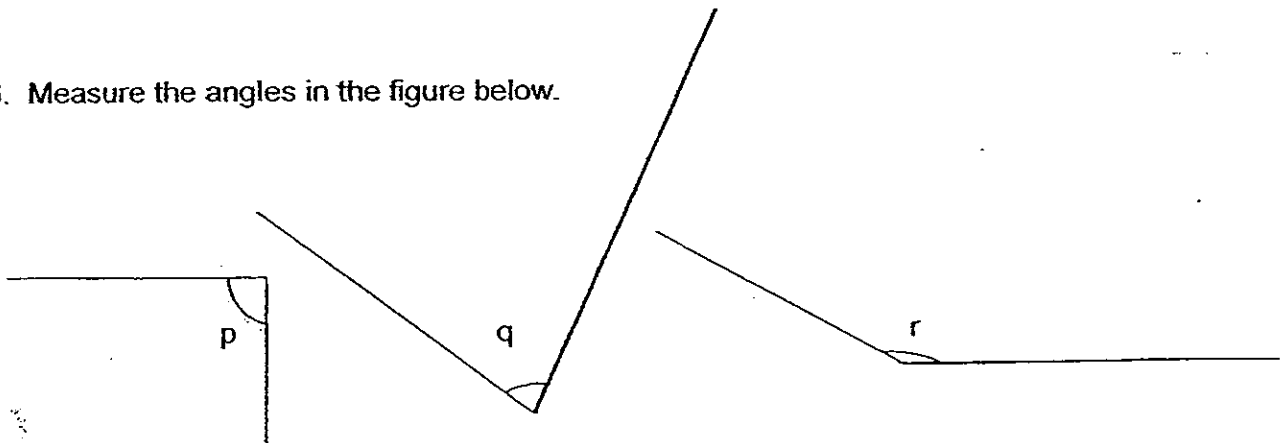
?

6cm
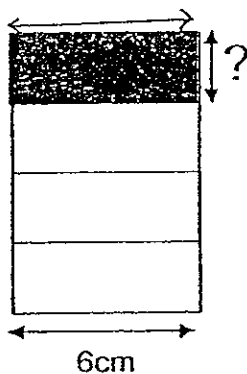
Ans: _____ cm

**35** The shortest distance between City Hotel and Police Station is 3750 m.

The next shortest route between City Hotel and Police Station is _____km_____m.

Ans. _____km_____m

36. Measure the angles in the figure below.



p          q          r

Arrange these angles in order, from the smallest to the biggest.

Ans: ∠____ , ∠____ , ∠____

37. At a sale, a radio was sold at a price that was $65 cheaper than before the . Ben bought a radio and gave the cashier $200. He received $29.95 change. was the price of the radio before the sale?

Ans: $_____

The bar graph below shows the number of muffins sold at a bakery last Tuesday. Study it carefully and answer Questions 38 and 39.
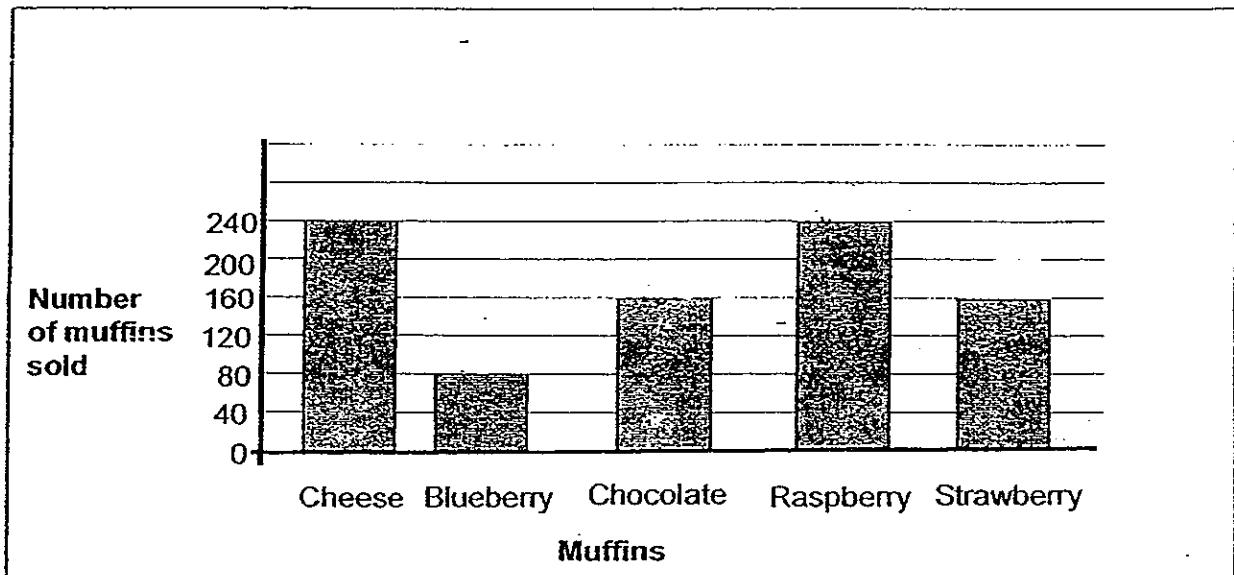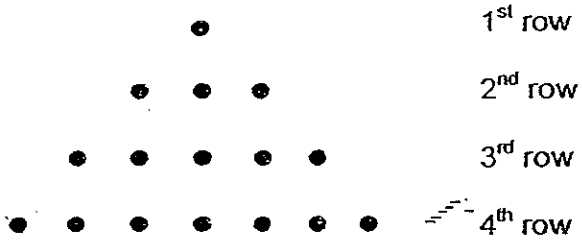


38. What is the total number of chocolate and raspberry muffins sold?

Ans: _____ muffins

39. If the muffins were sold at $2.50 each, how much more money would the bakery have received from the sale of Cheese muffins than Chocolate muffins ?

Ans: $_____

12

10. How many dots would there be in the 8th row?

|        | 1st row |
|:------:|:-------:|
|        | 2nd row |
|        | 3rd row |
|        | 4th row |

Ans: _____ dots

41. Elena has 158 more stickers than Doris. William has twice as many stickers as Elena. If the three children have 1286 stickers altogether, how many stickers does Elena have ?

Ans: _____

42. Lionel bought 25 packets of balloons. There were 12 balloons in each packet. He arranged all the balloons equally in 7 rows. How many balloons were left ?

Ans: _____

43. A dining table cost $90. A chair cost $\frac{1}{5}$ as much as the dining table. Find the total cost of a table and 6 chairs.

Ans: _____

44. A machine mixes 1 kg 250 g of mashed potatoes with 550 g of fish to make popcorn nuggets. If each nugget has a mass of 8 g, how many nuggets can it make?
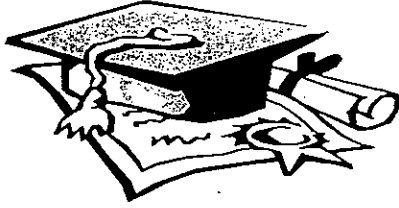
Ans: _____

45. Mary earned \$480 per week. She took $\frac{2}{5}$ of the money for herself and gave $\frac{2}{3}$ of the remainder to her parents. She saved the rest of the money. How much was her weekly saving?

Ans: _____

*Remember to check your work!*
*Every mark counts.*

*–End of Paper –*

# ANSWER SHEET

EXAM PAPER 2008

SCHOOL : MAHA BODHI PRIMARY SCHOOL
SUBJECT : PRIMARY 4 MATHEMATICS

TERM : SA 1

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

| Q18 | Q19 | Q20 |
|-----|-----|-----|
| 3 | 3 | 3 |

21)156        22)1₂/₅        23)South-east        24)South-West

25)48m₂        26)54        27)16,1024        28)16

29)12        30)a)Diana    b) ½ min        31)5/8km

32)18 children        33)G   H   I   J        34)2cm
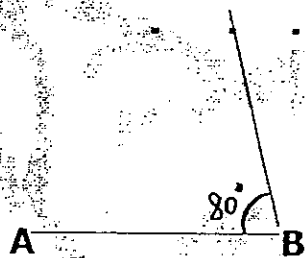
35)3km 930m        36)∠q, ∠P, ∠r        37)$235.05

38)400 muffins        39)$200.00        40)15 dots

41) 1286-158-158-158=812
    4 unit is 812
    812÷4=203
    1 unit is 203
    203+258=361
    Elena have 361 stickers.

42) 25x12=300
    Lionel bought 300 balloons
    300÷7=42R6
    There were 42 balloons in each rows
    6 balloons were left

43) $90÷5=$18
    A chair cost $18
    $18x6=$108
    6 chair cost $108
    $108+$90=$198
    The total cost of a table and 6 chair is $198.

44) 1kg 250g+550g=1800g
    1kg 250 of mashed potatoes and 550g of fish weight 1800g.
    1800g÷8g=225
    The machine can make 225 nuggets.

45) She saved $96 every week.