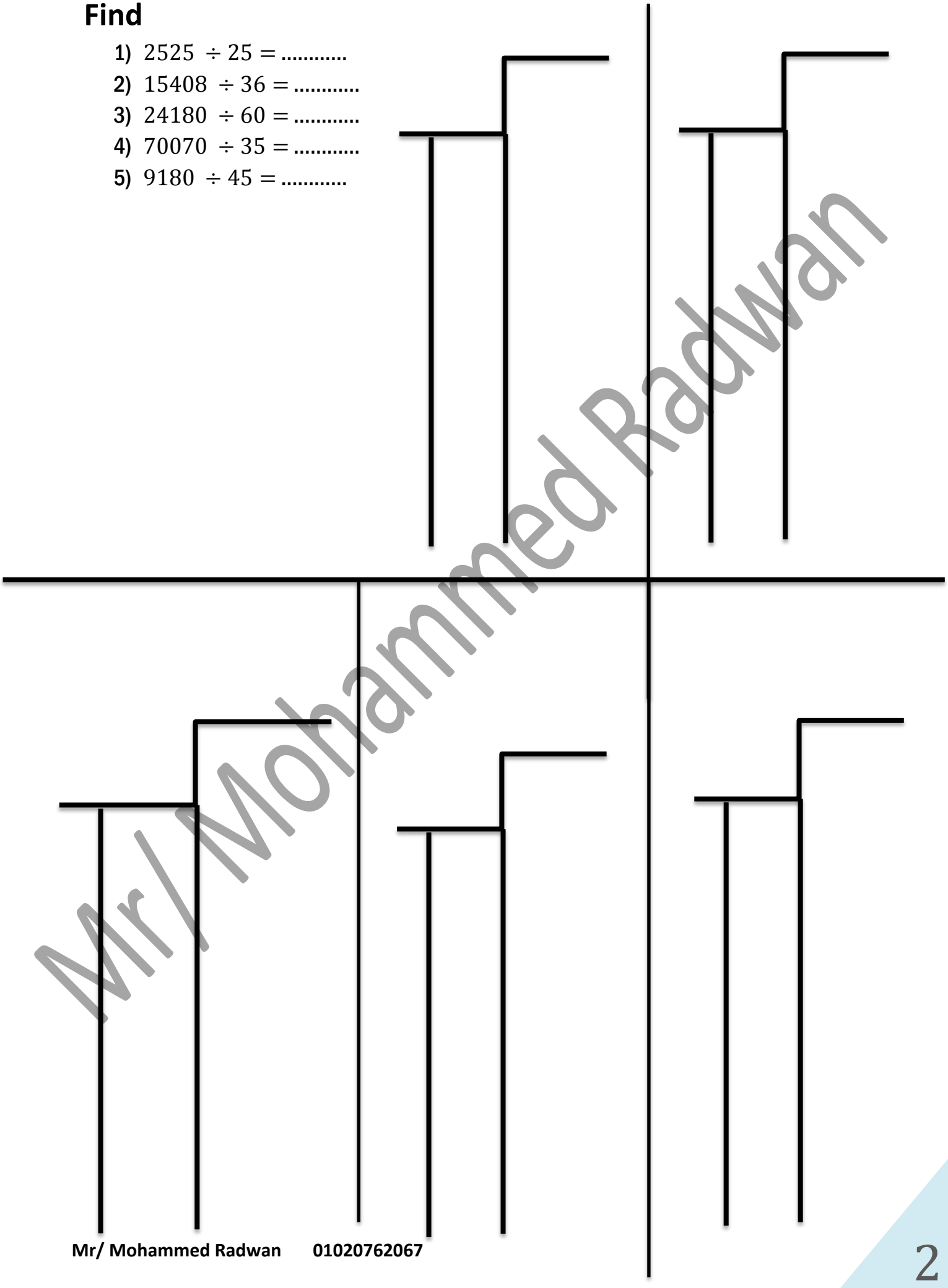
## Complete :

1) The million is the smallest number formed from ……. Digits .
2) The milliard is the smallest number formed from ……. Digits .
3) The ten million is the smallest number formed from ……. Digits .
4) Prime factors of 350 are ……. ,……. and ……. .
5) The prime numbers that are included between 2 , 30 are …….
6) The number whose prime factors are 2,3 and 5 is …….
7) The measure of any angle of a square equals …….
8) The number of factors of the prime number is …….
9) If the perimeter of an equilateral triangle is 12cm ,then its side length is ……. Cm
10) The prime number after the number 399 is …….
11) If 45×13 =585 , then 589 = 45×13 + …….
12) If the perimeter of square is 28 cm ,then its side length is …….
13) The number 3 milliard , 45 million , 473 thousands is written in digits as ……
14) The prime number whose sum of its factors 6 is …….
15) If the dimension of a door in the form of a rectangle are 180 cm , 10 dm . , then its perimeter = ……. cm
16) Ten million , five hundred seventy two thousand = …….
17) 59 million , 42 thousands , 63 = …….
18) 5600 $dm^2$ = ……$m^2$ .
19) 25 ×7× 4 = ……= …… hundreds .
20) The number 3 million , 132 thousands , 81 in digits is …….
21) If the measure of two angles of a triangle are 64 , 81 , then this triangle is …… Angled triangle .
22) The number which has only two factors is called …….
23) The diagonals of the rectangle …….. in length .
24) The polygon of 5 sides is called …… .
25) 5348475 – 3 hundred thousands = …… .
26) 8× 641 × 125 = …….
27) The length of the side of the square whose perimeter 36 cm = …….
28) 7288316 – 6 million = …… .
29) In rectangle all angles are …… angles .
30) The prime smallest even number is ……. Where the smallest odd prime is …… .

## Find

1) $2525 \div 25 =$ .....
2) $15408 \div 36 =$ .....
3) $24180 \div 60 =$ .....
4) $70070 \div 35 =$ .....
5) $9180 \div 45 =$ .....



## Find

1) $436 \times 59 =$ .....
2) $4803 \times 67 =$ .....
3) $487 \times 25 =$ .....
4) $267 \times 18 =$ .....
5) $123 \times 15 =$ .....
6) $475 \times 25 =$ .....
7) $300 \times 500 =$ .....

| | | |
|---|---|---|
| 436 × 59 + | 4803 × 67 + | 487 × 25 + |
| 267 × 18 + | 123 × 15 + | 475 × 25 + |

**Problems** :

1) In a certain year the profit of one factory was L.E. 7316 , if the profit is distributed equally among 31 workers , find the share of each worker ?

the share of each worker =

2) A hotel contains 204 rooms divided equally by a number of floors , each floor contains 17 rooms . How many floors are there in this hotel ?

The number of floors =

3) A hotel contains 192 rooms divided equally by a number of floors , each floor contains 16 rooms . How many floors are there in this hotel ?

The number of floors =

4) A number if it is divided by 11 the quotient is 488 and the remainder 4 , what is this number ?

The number =

5) In A school if 756 pupils are distributed equally on 18 classes . Find number of pupils in each class.

number of pupils in each class =

6) In A school if 798 pupils are distributed equally on 19 classes . Find number of pupils in each class.

number of pupils in each class =

7) Eman bought 24 meters of cloth for L.E. 648 . Find the price of 1 meter .

price of 1 meter =

8) sally bought 26 meters of cloth for L.E. 286 . Find the price of 8 meter .

price of 1 meter =
price of 8 meter =

9) nada bought 25 meters of cloth , the price of one meter P.T 475,How much money did nada pay?

nada pay =

10) Hazem bought 26 books from the book fair of series animal world , if the price of one book is P.T 725 . Find out the money that hazem paid .

hazem paid =

11) Reda bought a T.V. set by L.E. 4420 , he paid L.E. 500 in cash , then he paid the rest in 28 equal installments . Find the value of each installment .

The rest =

Each installment =

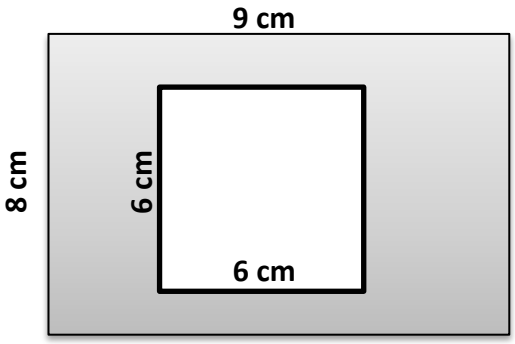
**Problems** :

1) Rectangle its dimensions are 9 cm , 12 cm . Find :
   a) Its area
      A =
   b) Its perimeter
      P =
2) A rectangular piece of land , its width equals half its length , calculate its perimeter if its width = 24 metre .
   W =
   L =
   P =
3) Find the perimeter of square whose area is 25 $cm^2$ .
   A =
   S =
   P =
4) Find the perimeter of rectangle whose area is 18 $cm^2$ , and its width is 3 cm .
   A =
   W =
   L =
   P =
5) Find the area of rectangle whose perimeter is 24 cm and its length is 2 cm .
   L =
   P =
   W =
   A =
6) In the opposite figures : ( Find The area of Shaded Part )

1) A1 =

   A2 =

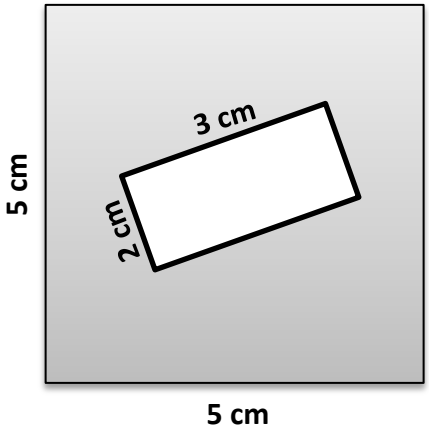
   Shaded =




2) A1 =

   A2 =

   Shaded =

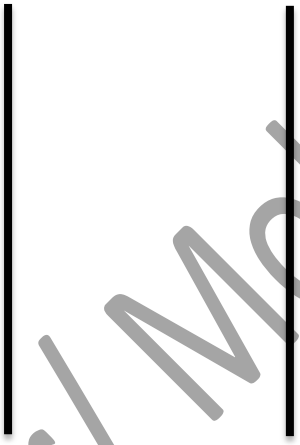


**Choose the correct answer :**

1) **105 is divisible by ……. ( {2,3} , {5,2} , {5,3} )**
2) **The two perpendicular straight lines form 4 …….. angles .**
   **( Right - Acute – Obtuse )**
3) **Number of sides of any polygon does not equal number of its …….. .**
   **( Diagonals – Angels – Vertices )**
4) **If the perimeter of an equilateral triangle is 12 cm , then its side length is …… cm .**
   **(3 – 36 – 4 )**
5) **The number ……. Is divisible by each of 2 and 5 . ( 72 – 25 – 100 )**
6) **The diagonals of the square are ……..**
   **( equal in length and not perpendicular – perpendicular but not equal in length – equal in length and perpendicular )**
7) **280 tens ……. 28 hundreds . ( < , = , > )**
8) **805 × 100 = …… × 10 . ( 85 – 8050 – 850 )**
9) **30 × 40 …….. 20× 60 . ( < , = , > )**
10) **50 × 40 = …….. hundres .. ( 2 , 200 , 2000 )**
11) **The number 2100 is divisible by …… (35 , 11 , 13 , 17 )**

**Find :**

1) **H.C.F and L.C.M for 24 and 30 .**

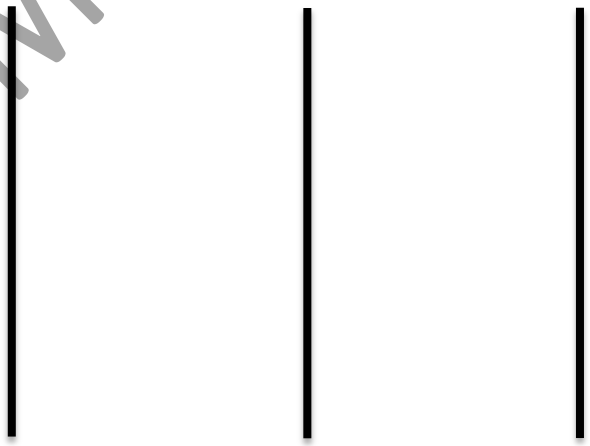


**24 =**
**30 =**

**H.C.F =**

**L.C.M =**

2) **H.C.F and L.C.M for 35 , 42 and 28 .**



**35 =**

**42 =**

**28 =**

**H.C.F =**

**L.C.M =**

3) **H.C.F and L.C.M for the two numbers (5×4×11) , (5×6×11) .**

4) **If the sum of two perimeters of two squares is 88 cm , and if the side length of one of the two squares is 12 cm , then find :**
   a) **The side length of the other square .**
   b) **The difference between the areas of the two squares .**