SOLUTION OF REVISION CH-5 DIVISION

I Fill in the blanks:-

1) __Division__ is repeated subtraction.

2) Dividend = __Divisor__ x Quotient + Remainder

3) Division and Multiplication are __inverse__ operations.

4) __Division__ means equal sharing or equal regrouping.

5) In division, the number to be divided is called __dividend__.

6) When any number is divided by 1, the __quotient__ is the number itself.

7) In division, the number by which we divide is called the __divisor__.

8) $3268 \div$ __1__ $= 3268$

9) $984 \div 100 \rightarrow$ Q = __9__ , R = __84__

II Write true or False:-

1) When any number is divided by itself (except 0) , the quotient is 1. **True**

2) $6728 \div 1 = 6728$ **True**

3) $0 \div 642 =$ not allowed. **False**

4) In division, the number which is left undivided is called the remainder. **True**

5) Division by zero is allowed. **False**

6) $5321 \div 5321 = 0$ **False**

7) When we divide 9672 by 1000 , the quotient will be 9 and remainder will be 672. **True**

III Do as directed:-

1) Divide:-

(a) $467 \div 10 \rightarrow$ Quotient = __46__ , Remainder = __7__

b) $5602 \div 1000 \rightarrow$ Quotient = __5__ , Remainder = __602__

2) The product of two numbers is 22120. If one of the numbers is 35, find the other number.

Solution 2:- Product of two numbers = 22120

One of the numbers = 35

So, the other number = $22120 \div 35$

$$
\begin{array}{r}
632 \\
35)\overline{22120} \\
-210\downarrow \\
\hline
0112 \\
-105\downarrow \\
\hline
0070 \\
-70 \\
\hline
00
\end{array}
$$

Therefore, the other number is 632.

3) Divide 4427 by 5 and check your answer

Solution 3:-

$$
\begin{array}{r}
885 \\
5)\overline{4427} \\
-40\downarrow \\
\hline
042 \\
40\downarrow \\
\hline
027 \\
25 \\
\hline
02
\end{array}
$$

Quotient = 885
Remainder = 2

Check :-

Dividend = Divisor × Quotient
+ Remainder

4427 = 5 × 885 + 2
4427 = 4425 + 2
4427 = 4427

4) An amount of ₹50460 is distributed equally , as bonus, among 87 workers of a factory.

How much does each worker receive?

Solution 4:- Total amount distributed among 87 workers = ₹50460

Amount received by each worker = ₹50460 ÷ 87

Therefore, each worker received ₹ 580.