



**CLASS: V**

**Subject: Mathematics**

**Date: 03/06/2020**

**Topic: Word Problems on (Multiplication)**

**Time Limit: 30 Mins**

## ***Worksheet No.:14***

*[Copy the questions and solve them on a sheet of paper datewise. Keep them separately in a file to be submitted on the opening day]Go through the examples thoroughly before solving the word problems.*

***Let us learn how to solve word problems with the help of these following examples***

**Example:-** The Unity building has 62,849 square metre of office space per floor. If there are 36 floors in the building, what is the total office floor space available in the building?

Office space available per floor = 62,849 square metre

Office space available on 36 floors =  $62,849 \times 36$

$$\begin{array}{r}
 62,849 \\
 \times 36 \\
 \hline
 377094 \\
 188547 \times \\
 \hline
 2262564
 \end{array}$$

**Ans. Thus there is 22, 62, 564 square metres of floor space available on 36 floors**

**Example 2:-** A factory produces 5,376 bulbs per month. What will be its yearly production of bulbs?

1 year = 12 months

Number of bulbs produced in 1 month = 5,376

Number of bulbs produced in 12 months =  $5,376 \times 12$

**=64,512 bulbs**

Ans. In one year **64, 512** bulbs will be produced

***Solve the word problems:***

Q1) A toll bridge collects Rs. 20 from each vehicle which crosses it. If 3,42,615 vehicles cross the toll bridge in a fortnight, find the total amount collected.

Q2) A store sells 289 toffees in a can. On Christmas Eve, if 3,625 people buy a can each, how many toffees were sold that day?

Q3) A carton can contain 1,728 cakes. If a factory produces 1,430 cartons of cake in one month, how many cakes does the factory produce in 12 months?

Q4) A bus has a seating capacity for 58 students. How many students will travel in 16 such buses of the same capacity?

Q5) A school collects Rs. 43, 178 as fees per month. How much will be the collection of school fees in a year ?

Q6) The weight of a cement bag is 55 Kg. What will be the weight of 1,000 such bags?