

Worksheet: -9 Subject: - Mathematics

Class:-V

Teacher:-Mrs. Poonam Sunil

Name:-_____

Class & Sec.:-_____

Roll No.:-_____

Date:-5/8/2021

Good Morning Students!**Today we will continue Ex. 4 (A)****Q.5) Write 'P' for prime and 'C' for composite numbers.**a) 12 **C** b) 31 **P** c) 38 **C** d) 46 **C**e) 61 **P** f) 83 **P** g) 99 **C** h) 2 **P**i) 1 **neither P nor C** j) 107 **P** k) 101 **P** l) 73 **P****Q.6) Write down the prime factors of the following numbers.**

b) 54

$$\begin{array}{r|l} 2 & 54 \\ \hline 3 & 27 \\ \hline 3 & 9 \\ \hline 3 & 3 \\ \hline 3 & 1 \end{array}$$

Prime factors of 54 = $2 \times 3 \times 3 \times 3$

d) 112

$$\begin{array}{r|l} 2 & 112 \\ \hline 2 & 56 \\ \hline 2 & 28 \\ \hline 2 & 14 \\ \hline 7 & 7 \\ \hline 7 & 1 \end{array}$$

Prime factors of 112 = $2 \times 2 \times 2 \times 2 \times 7$

c) 144

$$\begin{array}{r|l} 2 & 144 \\ \hline 2 & 72 \\ \hline 2 & 36 \\ \hline 2 & 18 \\ \hline 3 & 9 \\ \hline 3 & 3 \\ \hline 3 & 1 \end{array}$$

Prime factors of 144 = $2 \times 2 \times 2 \times 2 \times 3 \times 3$

e) 216

$$\begin{array}{r|l} 2 & 216 \\ \hline 2 & 108 \\ \hline 2 & 54 \\ \hline 3 & 27 \\ \hline 3 & 9 \\ \hline 3 & 3 \\ \hline 3 & 1 \end{array}$$

Prime factors of 216 = $2 \times 2 \times 2 \times 3 \times 3 \times 3$