



DELHI PUBLIC SCHOOL FIROZABAD

(UNDER THE AEGIS OF DELHI PUBLIC SCHOOL SOCIETY EAST OF KAILASH NEWDELHI)

(A SENIOR SECONDARY SCHOOL)

AFFILIATED TO CBSE, AFFILIATION NO. 2133064 SCHOOL NO: 61225



MATHEMATICS (Worksheet-02)

Name: _____

Roll No.: _____

Class: VII

I. Answer the following questions:

1. Find the value of:

(a) 2^7

(b) 7^3

(c) 11^3

(d) 5^4

2. Express the following in exponential form:

(a) $2 \times 2 \times 2 \times 2$

(b) $x \times x \times x \times x \times x$

(c) $3 \times 3 \times 3 \times 3 \times b \times b \times b$

(d) $a \times a \times c \times c \times c \times d \times d$

3. Express each of the following numbers using exponential notation:

(a) 1,024

(b) 243

(c) 15,625

4. Identify the greater number, wherever possible, in each of the following.

(a) 7^3 or 3^7

(b) 2^8 or 8^2

(c) 100^2 or 2^{100}

5. Simplify:

(a) 2×104

(b) 0×7^4

(c) $3^3 \times 10^4$