EduSahara™ Assignment

Name : Powers and Roots Miscellaneous

Chapter : Powers and Roots

Grade : ICSE Grade VII

1. Find the exponential notation of
$3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3$

(i) 3^5 (ii) 3^4 (iii) 3^7 (iv) 5^6 (v) 3^6

2. Find the exponential notation of
$-3 \times -3 \times -3$

(i) $(-3)^4$ (ii) $(-1)^3$ (iii) $(-5)^3$ (iv) $(-3)^2$ (v) $(-3)^3$

3. Find the exponential notation of
$-19 \times -19 \times -19 \times -19 \times -19 \times -19 \times -19 \times -19$

(i) $(-16)^8$ (ii) $(-19)^8$ (iii) $(-19)^7$ (iv) $(-22)^8$ (v) $(-19)^9$

4. Find the exponential notation of
$19 \times 19 \times 19 \times 19$

(i) 16^4 (ii) 19^3 (iii) 19^4 (iv) 21^4 (v) 19^5

5. $-1^{10} =$

(i) -1 (ii) 1 (iii) undefined (iv) ∞ (v) 0

6. $-1^9 =$

(i) 1 (ii) -1 (iii) 0 (iv) undefined (v) ∞

7. $2^0 =$

(i) 0 (ii) 1 (iii) -1 (iv) ∞ (v) undefined

8. $0^0 =$

(i) ∞ (ii) -1 (iii) undefined (iv) 1 (v) 0

9. $-5^0 =$

(i) 1 (ii) undefined (iii) ∞ (iv) -1 (v) 0

10. $0^2 =$

(i) 0 (ii) undefined (iii) 1 (iv) ∞ (v) -1

11. $\sqrt{\frac{121}{100}} =$

(i) $\frac{11}{8}$ (ii) $\frac{11}{10}$ (iii) $\frac{11}{12}$ (iv) $\frac{9}{10}$ (v) $\frac{13}{10}$

Assignment Key

1) (v)	2) (v)	3) (ii)	4) (iii)	5) (ii)	6) (ii)
7) (ii)	8) (iii)	9) (i)	10) (i)	11) (ii)	