EduSahara™ Assignment

Name : Square and Square Root

Chapter : Powers and Roots

Grade : ICSE Grade VI

1. Expand the following base power $(-2)^2$

   (i) 16 (ii) 4 (iii) 1 (iv) -8 (v) -2

2. Find the square root of 9

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

3. Find the square root of $\frac{9}{25}$

   (i) $\frac{1}{5}$ (ii) $\frac{3}{7}$ (iii) $\frac{3}{5}$ (iv) 1

4. $\sqrt{\frac{25}{121}} =$

   (i) $\frac{5}{11}$ (ii) $\frac{3}{11}$ (iii) $\frac{5}{13}$ (iv) $\frac{5}{9}$ (v) $\frac{7}{11}$

5. Simplify $\frac{\sqrt{64}-\sqrt{36}}{\sqrt{81}+\sqrt{25}} =$

   (i) $\frac{1}{6}$ (ii) $\frac{1}{8}$ (iii) $\frac{2}{7}$ (iv) $\frac{1}{7}$ (v) 0

6. Find the square root of 9

   (i) 4 (ii) 3 (iii) 6 (iv) 1 (v) 2

7. Find the square root of $\frac{1}{16}$

   (i) $(\frac{-1}{4})$ (ii) $\frac{3}{4}$ (iii) $\frac{1}{2}$ (iv) $\frac{1}{4}$ (v) $\frac{1}{6}$

8. $\sqrt{\frac{49}{144}} =$

   (i) $\frac{7}{10}$ (ii) $\frac{7}{12}$ (iii) $\frac{1}{2}$ (iv) $\frac{5}{12}$ (v) $\frac{3}{4}$

9. Simplify $\frac{\sqrt{49}-\sqrt{64}}{\sqrt{16}+\sqrt{121}} =$

   (i) $(\frac{-1}{13})$ (ii) $(\frac{-1}{5})$ (iii) $(\frac{-1}{17})$ (iv) $(\frac{-1}{15})$ (v) $\frac{1}{15}$

Assignment Key

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