

# Worksheet 1 | The Secondary Stage of (6-8)

1<sup>st</sup> Semester | 2023-2024

**Subject:** Math

**Chapter:** 1

**Objectives:**

- To review how to find roots of numbers.

## Square, cubes and roots

Q1. Workout:

a) $7^3 =$	b) $8^2 =$	c) $13^2 =$
d) $3.3^2 =$	e) $0.4^3 =$	f) $(-5)^2 =$
g) $(-1.4)^2 =$	h) $(-0.6)^3 =$	i) $(-2.4)^2 =$

Q2. Workout:

a) $\sqrt{64} =$	b) $\sqrt{81} =$	c) $\sqrt{196} =$
d) $\sqrt{400} =$	e) $\sqrt[3]{125} =$	f) $\sqrt[3]{-1000} =$
g) $\sqrt[3]{343} =$	h) $\sqrt[3]{-729} =$	i) $\sqrt[3]{-8} =$

Q3: workout, show your work:

a) $\sqrt{\frac{81}{100}} =$	b) $\sqrt{\frac{25}{49}} =$	c) $\sqrt{\frac{121}{144}} =$
d) $\sqrt{\frac{100}{225}} =$	e) $\sqrt{\frac{169}{324}} =$	f) $\sqrt{0.09} =$
g) $\sqrt{0.25} =$	h) $\sqrt{0.81} =$	i) $\sqrt{1.96} =$
j) $\sqrt{2.25} =$	k) $\sqrt{1.21} =$	l) $\sqrt{0.04} =$
m) $\sqrt[3]{\frac{8}{64}} =$	n) $\sqrt[3]{\frac{27}{64}} =$	o) $\sqrt[3]{\frac{1}{125}} =$

p) $\sqrt[3]{-\frac{8}{216}} =$	q) $\sqrt[3]{\frac{512}{1331}} =$	r) $\sqrt[3]{0.008} =$
s) $\sqrt[3]{0.064} =$	t) $\sqrt[3]{-0.125} =$	u) $\sqrt[3]{-0.216} =$