



# GRADE 6-7

## ROOTS OF NUMBERS (Answer Key)



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**Roots of numbers: Square Root**

Name : \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Time: \_\_\_\_\_ - \_\_\_\_\_

$\sqrt{1} = 1$	$\sqrt{196} = 14$
$\sqrt{9} = 3$	$\sqrt{361} = 19$
$\sqrt{81} = 9$	$\sqrt{4} = 2$
$\sqrt{100} = 10$	$\sqrt{121} = 11$
$\sqrt{289} = 17$	$\sqrt{324} = 18$
$\sqrt{49} = 7$	$\sqrt{36} = 6$
$\sqrt{144} = 12$	$\sqrt{256} = 16$
$\sqrt{0.16} = 0.4$	$\sqrt{0.64} = 0.8$
$\sqrt{\frac{1}{225}} = \frac{1}{15}$	$\sqrt{\frac{81}{400}} = \frac{9}{20}$
$\sqrt{\frac{4}{25}} = \frac{2}{5}$	$\sqrt{\frac{16}{169}} = \frac{4}{13}$

**Roots of numbers: Cube Root**

Name : \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Time: \_\_\_\_\_ - \_\_\_\_\_

$\sqrt[3]{125} = 5$	$\sqrt[3]{512} = 8$
$\sqrt[3]{1000} = 10$	$\sqrt[3]{216} = 6$
$\sqrt[3]{512} = 8$	$\sqrt[3]{2744} = 14$
$\sqrt[3]{0.008} = 0.2$	$\sqrt[3]{343} = 7$
$\sqrt[3]{\frac{1}{729}} = \frac{1}{9}$	$\sqrt[3]{.027} = 0.3$
$\sqrt[3]{1.728} = 1.2$	$\sqrt[3]{\frac{27}{1331}} = \frac{3}{11}$
$\sqrt[3]{2197} = 13$	$\sqrt[3]{3375} = 15$
$\sqrt[3]{\frac{1}{4096}} = \frac{1}{16}$	$\sqrt[3]{0.008} = 0.2$
$\sqrt[3]{8000} = 20$	$\sqrt[3]{\frac{8}{125}} = \frac{2}{5}$
$\sqrt[3]{4913} = 17$	$\sqrt[3]{5832} = 18$