Name: Answers	Date:	Class:
Square and Cube Root Practice		
$\sqrt{4}$ $\sqrt{25}$ $\sqrt{5}$	$\sqrt{16}$ $\frac{4}{\sqrt{144}}$ $\sqrt{144}$ $\sqrt{2}$	$\sqrt{121}$ $\sqrt{100}$ $\sqrt{0}$
³ √8 <u>2</u> ³ √64 <u>4</u> ³ √64	/ 125 <u>5</u> <u>₹216</u> <u>6</u>	\$\sqrt{343} _7 <u>\$\sqrt{27}</u> _3
For each non perfect cube and square root below, tell which two consecutive whole numbers they would fall between.		
₹12 2 and 3 ₹42 3 and 4 ₹108 4 and 5 ₹144 5 and 6 ₹350 7 and 8		
$\sqrt{8}$ 2 and 3 $\sqrt{15}$ 3 and 4	√63 7 and 8 √78 8 and 9 .	√88 <u>9 and 10</u> √134 11 and 12
For each non perfect square root below, estimate to one decimal place.		
√8 <u>2.9</u> √15 <u>3.9</u> √	/63 <u>7.9</u> 3/42 <u>3.4</u> 3	√108 4.7 _{3√144} 5.2
	$\frac{3}{49}$ $\frac{3}{3}$ $\frac{3}{49}$ $\frac{3}{3}$ $\frac{3}{49}$	
3/volume = side 3/64 = (4 cm)		
If the area of a square is 81in ² , what is the length of one side? Explain how you know.		
Area = side $\sqrt{81 - 9 \text{ in}}$ A square shaped playground has an area of 42 ft ² , approximately how much fencing would you need to purchase to fence one side of the park? What about two sides?		
6.5 feet for one side. 1	3 feet for two.	42
If $\sqrt{a} = 10$, what is a?		
a=100	الم	' a≈65
If $\sqrt{a} = 15$, what is a?		α~Φ.5
a=225		育 項 項
If $\sqrt[3]{a} = 2$, what is a?		
a=8		