

Name \_\_\_\_\_ Date \_\_\_\_\_

Quiz: Evaluate Expressions with Fractional Exponents

1.  $(25)^{-1/2}$

2.  $(1331)^{2/3}$

3.  $(6561)^{2/4}$

4.  $(4)^{7/2}$

5.  $c^{-3/2} \cdot c^{1/2}$ , when  $c=12$

6. Evaluate  $-a-a^{1/3}$ , when  $a=8$

7.  $c^{3/2} \cdot c^{1/2}$ , when  $c=3$

8. Evaluate  $-(1/m)^{-5/4}$ , when  $m=4$

9. Evaluate  $-a-a^{1/3}$ , when  $a=9$

10.  $c^{2/3} \cdot c^{1/3}$ , when  $c=52$

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%