

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%