

Name _____ Date _____

Quiz: Evaluating Rational (Fractional) Exponents

1 Find the value : $144^{1/2}$

2 Find the value : $196^{1/2}$

3 If $f(x) = x^{1/2}$, find $f(15)$

4 Evaluate $a + a^{1/2} - a^{1/2}$, when $a=21$

5 Evaluate $c^{1/2} * c^{1/2}$ when $c=44$

6 Evaluate $(1/m)^{1/2}$, when $m=46$

7 Evaluate $a^{1/2} + a^{1/2}$, when $a=32$

8 Evaluate $(x^{-1/2} + x^{1/2})^{1/2}$, when $x=1/3$

9 Find the value : $100^{1/2}$

10 Find the value : $18^{1/2}$

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%