Exponents & Square Roots Mini-Assessment

Exponents = Repeated Multiplication

You multiply the base (large number) by itself as many times as the exponent (small number above base) tells you to.

$3 \leftarrow$ **Exponent**

$5 \leftarrow$ **Base**

$5 \times 5 \times 5 = 125$

1. 2^3

2. 4^4

3. 4^0

4. 1^{10}

5. 10^1

6. 11^2

7. 8^1

8. 10^4

9. 3^6

10. 7^5

1. $\sqrt{25}$

2. $\sqrt{1}$

3. $\sqrt{100}$

4. $\sqrt{81}$

5. $\sqrt{0}$

6. $\sqrt{36}$

7. $\sqrt{16}$

8. $\sqrt{9}$

9. $\sqrt{121}$

10. $\sqrt{169}$