

Record each value:

$$2^4 =$$

$$2^3 =$$

$$2^2 =$$

$$2^1 =$$

$$2^0 =$$

$$2^{-1} =$$

$$2^{-2} =$$

Generalize!

In general, for any real numbers x and n ,

$$x^1 =$$

$$x^0 =$$

$$x^{-n} =$$

What about this...?

$$\sqrt{x} = x^{\frac{1}{2}}$$