

Lesson 78 - Square Roots & Exponents

Square Roots - Having a
_____ square.

What would be the length and
width for each side?

$$\sqrt{36}$$

Practice -

What is the square root of 4?

$$\sqrt{4} =$$

Practice -

What is the square root of 16?

$$\sqrt{16} =$$

IXL Practice - E.9
(sixth grade)

Exponents - A way to show

1) Write down the _____ which
is the whole number.

2) The exponent or the little
number is how many times you
multiply the number times
_____.

$$10^5$$

$$2^4$$

Practice -

$$3^2$$

Practice -

$$5^3$$

Together, the base and exponent are called a **power**. Below are some examples of how **exponential expressions** are read. The examples are “powers of three.”

3^2 “three squared”

3^3 “three cubed”

3^4 “three to the fourth power”

3^5 “three to the fifth power”

n. Compare: $\sqrt{36} \bigcirc 3^2$

o. Find the square roots and then subtract: $\sqrt{25} - \sqrt{16}$
