## Learning About Exponents #1



An exponent is the simplest way to show how many times a number is multiplied by itself.

4 x 4 x 4 x 4 x 4 Example:



We can write

5 exponent Exponent is the number of times the base number is multiplied

Base is the number



- 3<sup>2</sup> If the power is 2, we can read it as three, raised to the second power or three squared.
- 2<sup>3</sup> If the power is 3, we can read it as two, raised to the third power or two cubed.

Change the multiplication expressions to the exponents.

$$3x3x3x3 \longrightarrow$$

8x8x8 —



$$6x6x6x6x6 \longrightarrow$$



7x7x7x7x7x7x7



1 x 1 -



 $5 \times 5 \times 5 \times 5 \times 5 \times 5 \longrightarrow$ 



Write out the expressions below.