

1-3 Powers and Exponents  
TXBK Pg 32

Base is the number used as a factor.

Exponent indicates how many times the base is used as a factor.

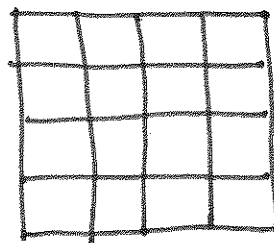
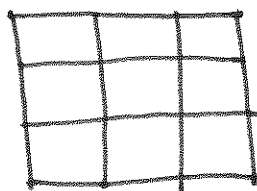
Examples

$2^3$  ← exponent  
↑ base      $2 \times 2 \times 2 = 8$

$5^2$  ← exponent  
↑ base      $5 \times 5 = 25$

$3^2$       $3 \times 3 = 9$

$4^2$       $4 \times 4 = 16$



$1^5$       $1 \cdot 1 \cdot 1 \cdot 1 \cdot 1 = 1$

$10^0 = 1$  ;  $5^0 = 1$