

## Exponents

Base

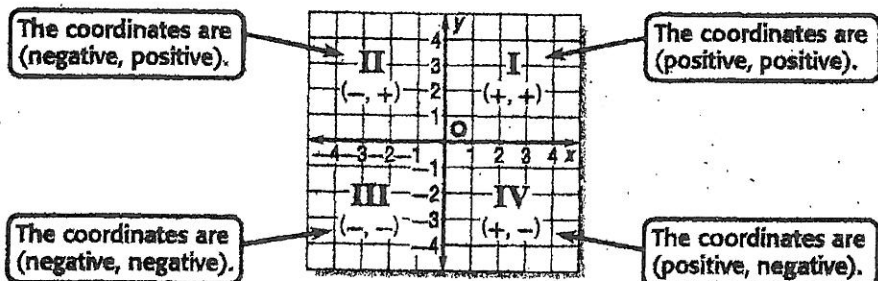
Exponent

Exponential form

Expanded form

Standard form

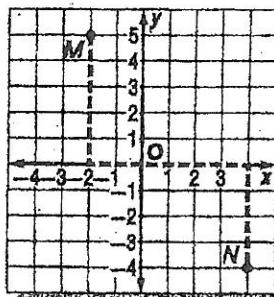
## Graphing in Four Quadrants



**Example** Graph and label each point on a coordinate plane. Name the quadrant in which each point lies.

a.  $M(-2, 5)$

Start at the origin. Move 2 units left.  
Then move 5 units up and draw a dot.  
Point  $M(-2, 5)$  is in Quadrant II.



b.  $N(4, -4)$

Start at the origin. Move 4 units right.  
Then move 4 units down and draw a dot.  
Point  $N(4, -4)$  is in Quadrant IV.