

# Key Term

x-intercept:  $(y=0)$

$$0 = a(x-p)(x-q)$$

- **Graph of Intercept Form**  $y = a(x-p)(x-q)$ 
  - axis of symmetry:
    - half way between  $(p,0)$  and  $(q,0)$
  - x-intercepts:
  - $a > 0$ :
  - $a < 0$ :

