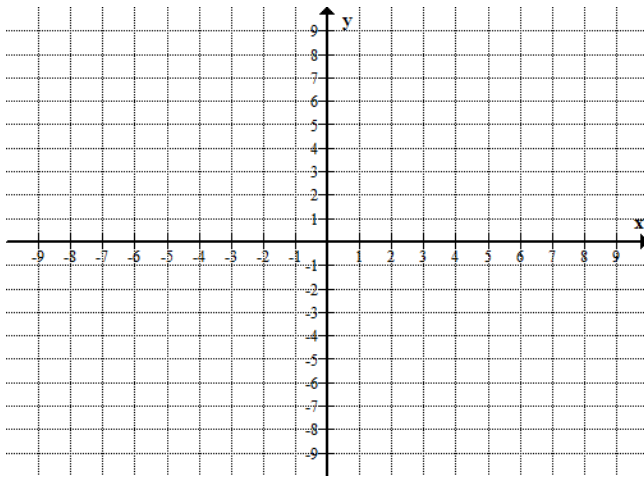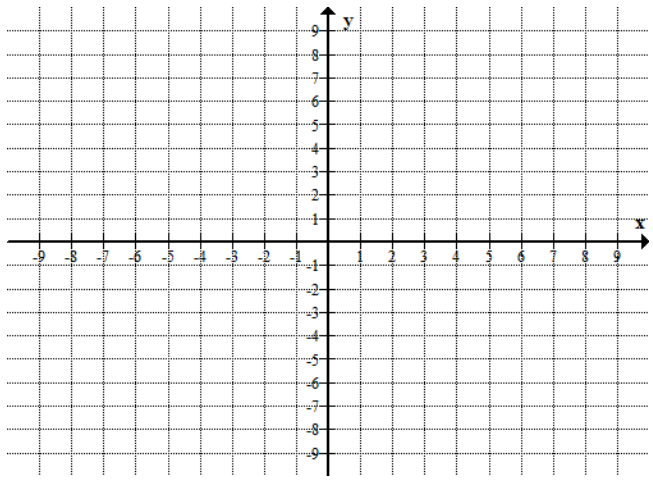1. Graph $y = x^2 + 3$ and $y = x^2 - 4$. Start with the basic function. Plot exactly 4 points when graphing it.
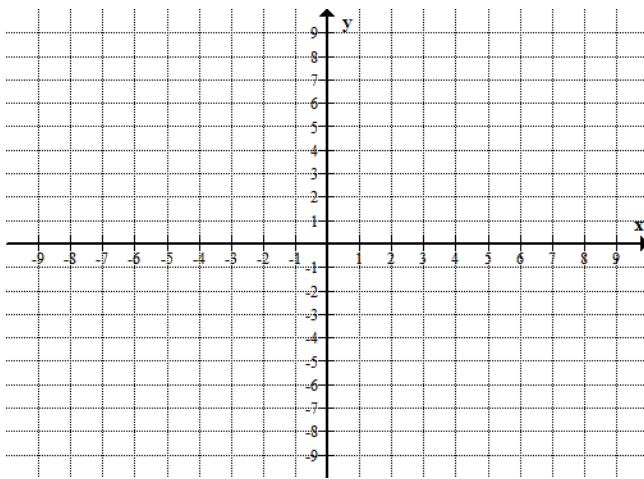
Basic function $y = x^2$

$y = x^2 + 3$
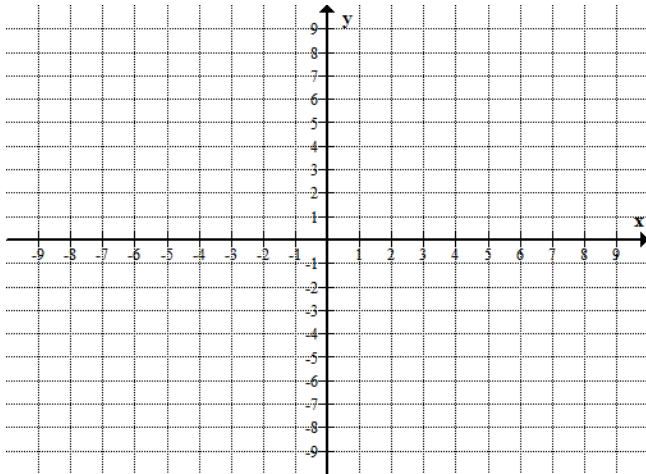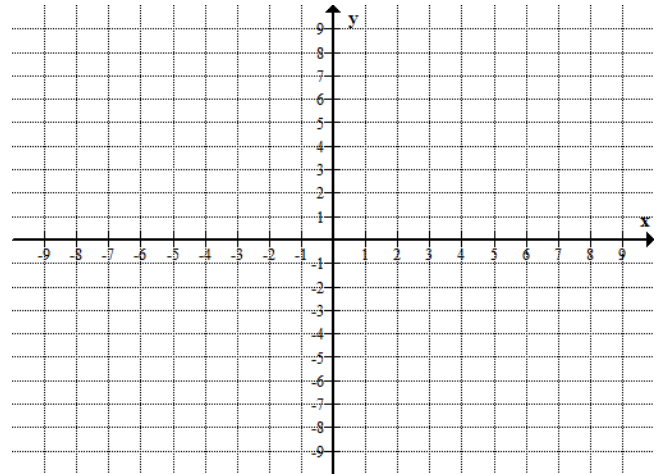
$Y = x^2 - 4$

2. Graph $y = |x-2|$ and $y = |x+4|$. Start with the basic function. Plot exactly 4 points when graphing it.
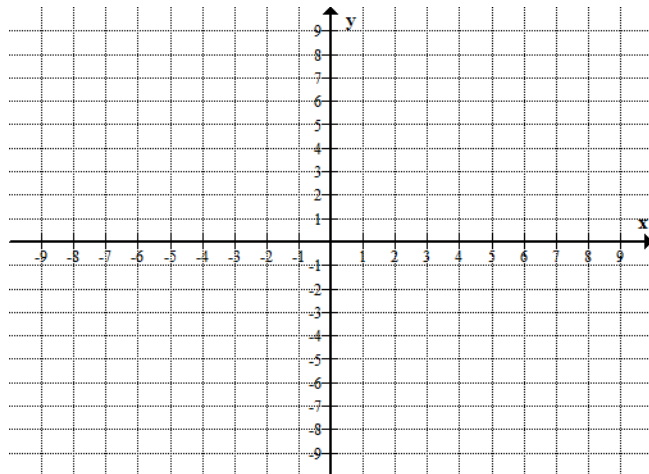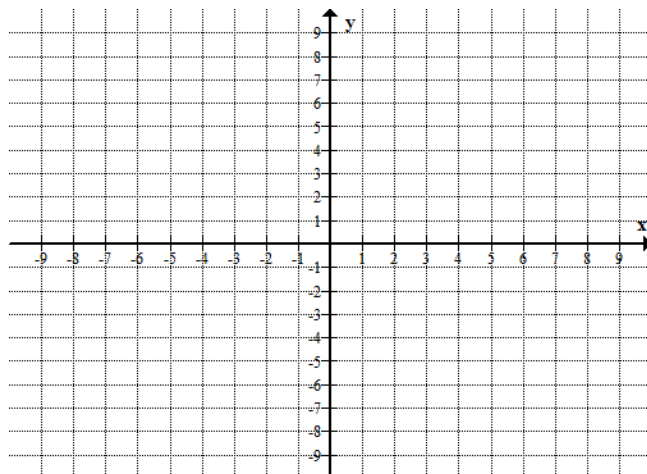
Basic function: y = _____
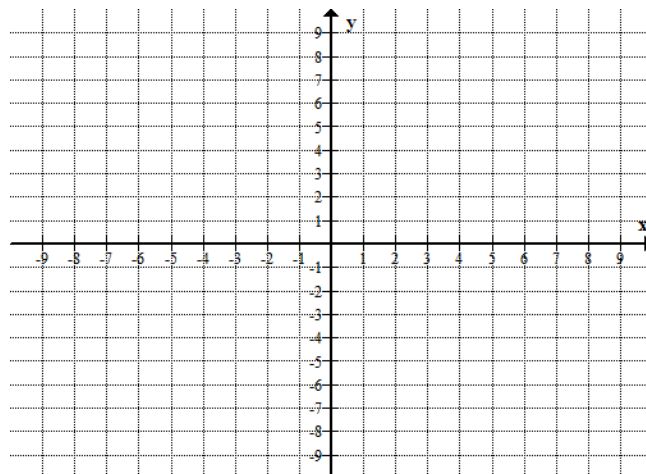
y = |x-2|

y = | x+ 4|

3. Graph $y = -\sqrt{x}$, $y = \sqrt{-x}$, $y = 3\sqrt{x}$, $y = \dfrac{1}{3}\sqrt{x}$, $y = \sqrt{2x}$. Start with the basic function. Plot exactly 4 points when graphing it.
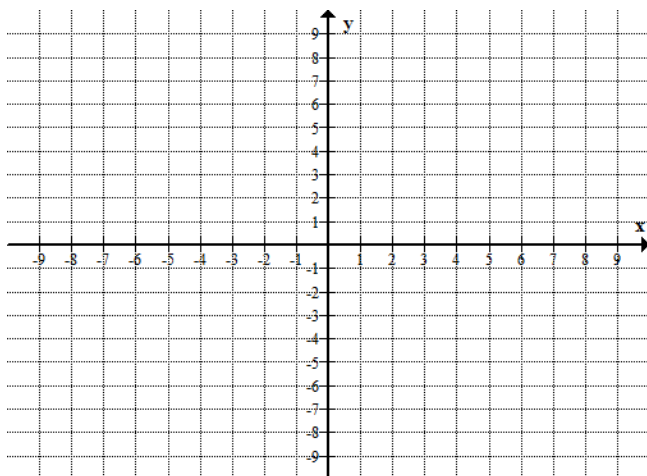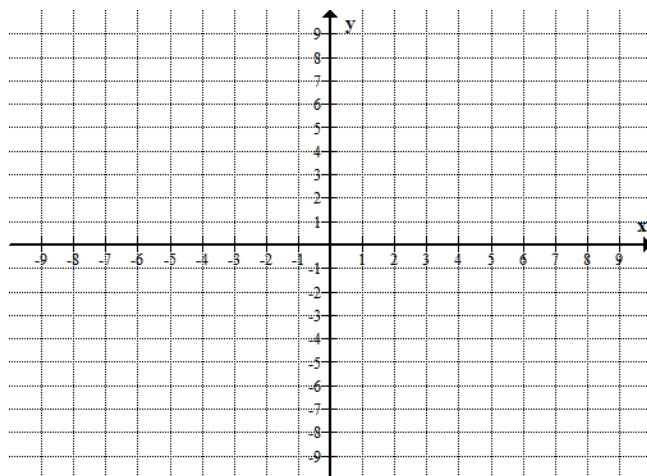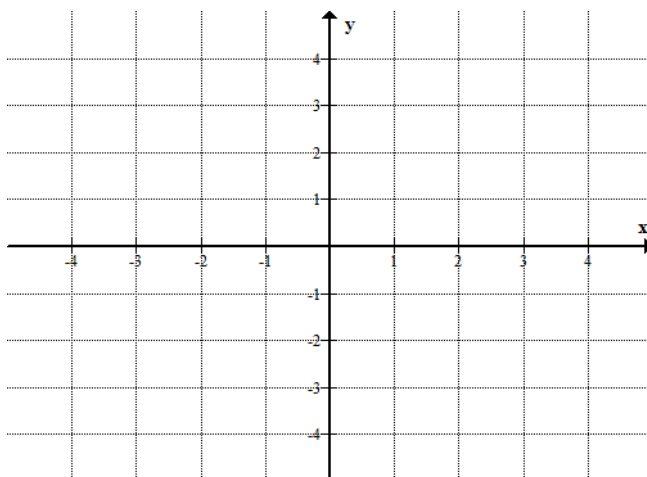
Basic function   y = _____

$y = -\sqrt{x}$

$y = \sqrt{-x}$

$y = 3\sqrt{x}$

$y = \dfrac{1}{3}\sqrt{x}$

$y = \sqrt{2x}$