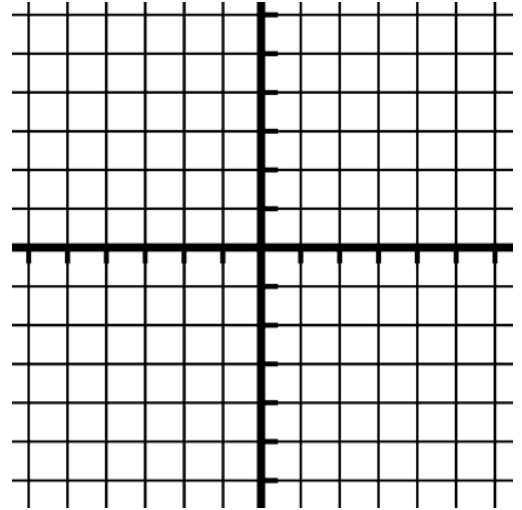


7) $y - 4 = -\frac{2}{3}(x + 2)^2$

Horizontal shift (p)	
Vertical shift (q)	
Vertex	
Stretch factor (a)	
Compressed Vertically OR Stretched Vertically	
Minimum (opens up) OR Maximum (opens down)	

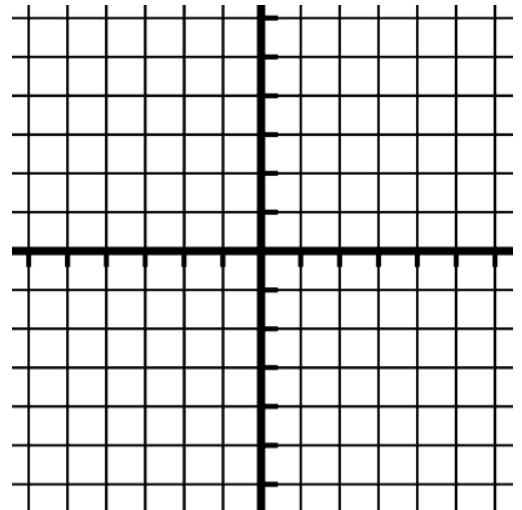
x	y



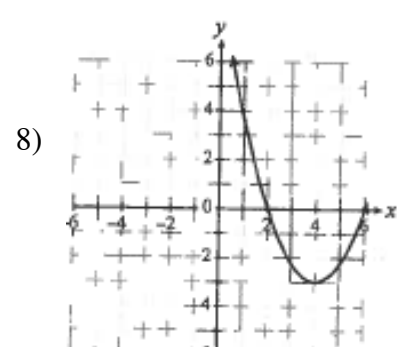
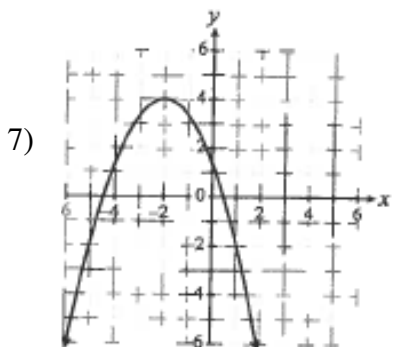
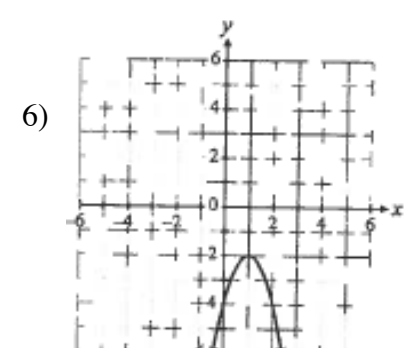
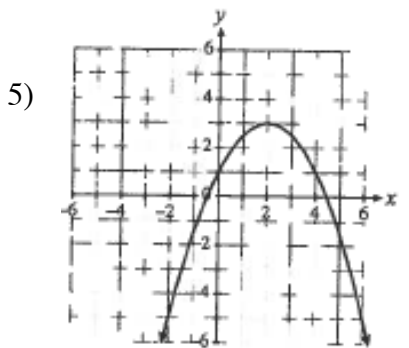
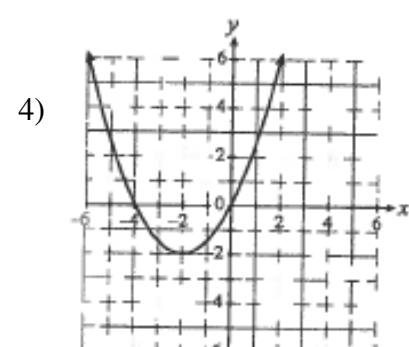
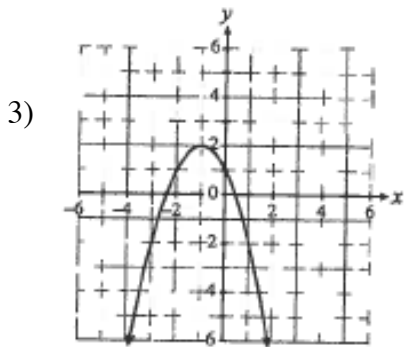
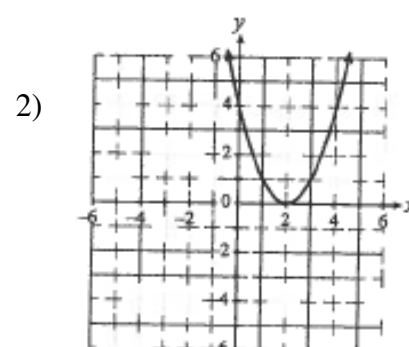
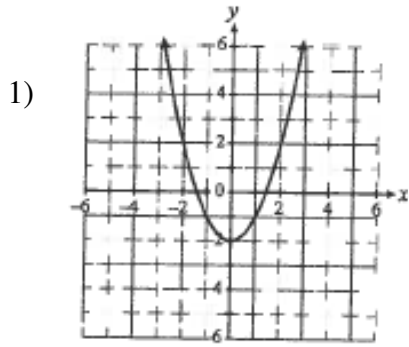
8) $y + 3 = \frac{3}{4}(x - 4)^2$

Horizontal shift (p)	
Vertical shift (q)	
Vertex	
Stretch factor (a)	
Compressed Vertically OR Stretched Vertically	
Minimum (opens up) OR Maximum (opens down)	

x	y



Answer Key



Practice Quiz

Draw the parabola using at least **seven** points:

$$y = \frac{1}{2}(x - 2)^2 - 4$$

x	y

