

### **2.1 Enrichment and Extension**

$$y = -3x^2; y = 3(x + 1)^2 + 1; y = 3(x - 1)^2 + 1;$$

$$y = -3(x + 1)^2 - 1; y = 3(x - 4)^2 - 2;$$

$$y = -3(x - 2)^2 + 2; y = -3(x + 2)^2 + 2$$