

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

2. $y = x^2 - 9$

3. $y = -\frac{1}{2}(x+2)^2 + 5$

4. $y = -2(x+1)(x+1)$

5. $y = 4(x-1)^2 - 3$

6. $y = -\frac{1}{3}x^2 + 6x - 4$