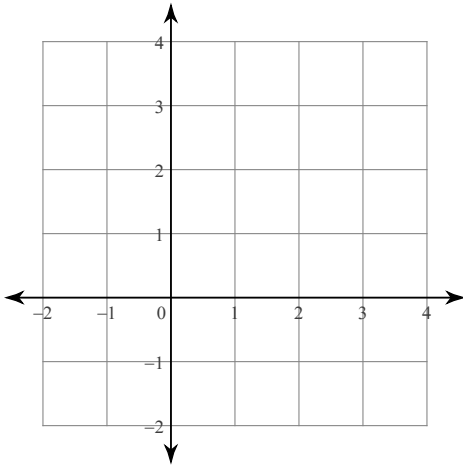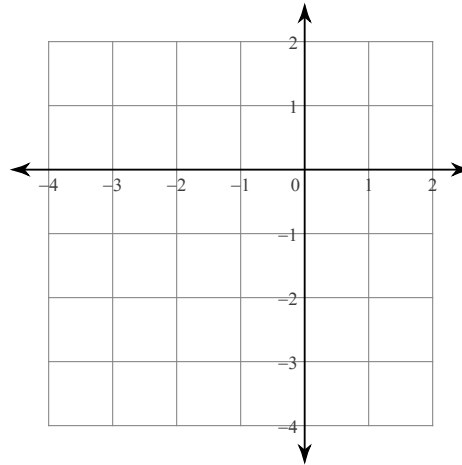**Sketch the graph of each function. Plot at least 5 Points each.**
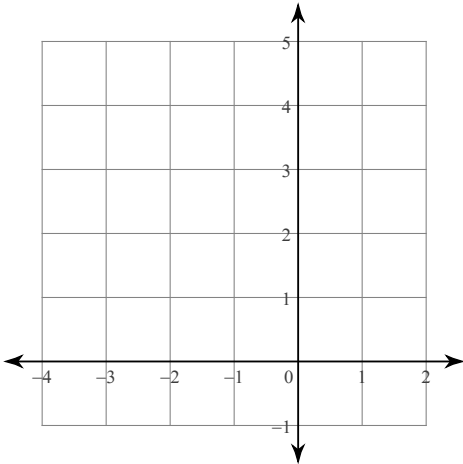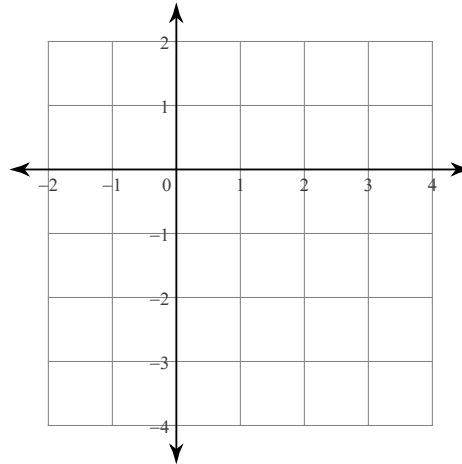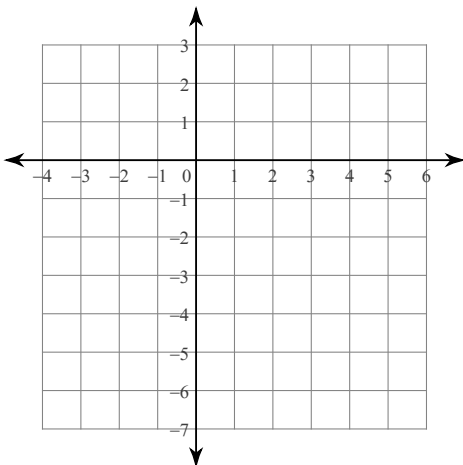
1) $f(x) = x^2 - 2x$
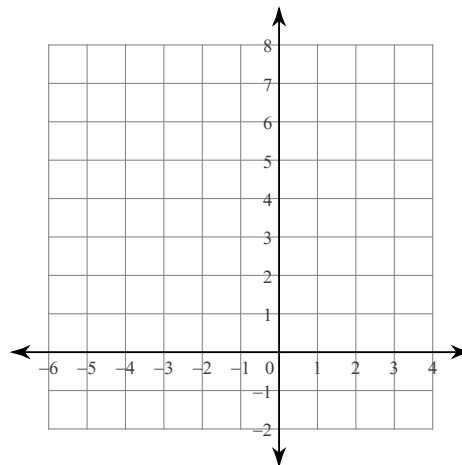
2) $f(x) = x^2 + 2x - 2$
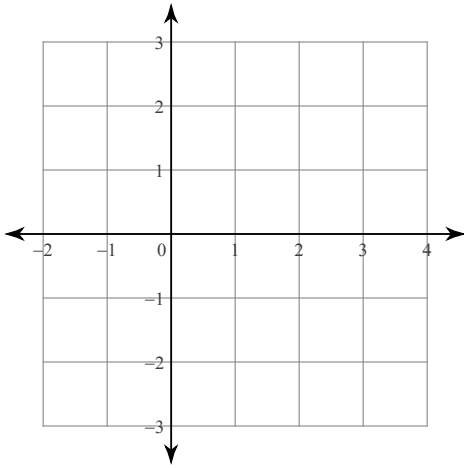
3) $f(x) = -x^2 - 2x + 3$

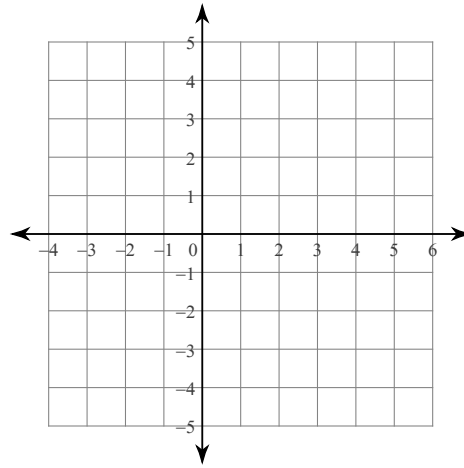4) $f(x) = -x^2 + 4x - 3$

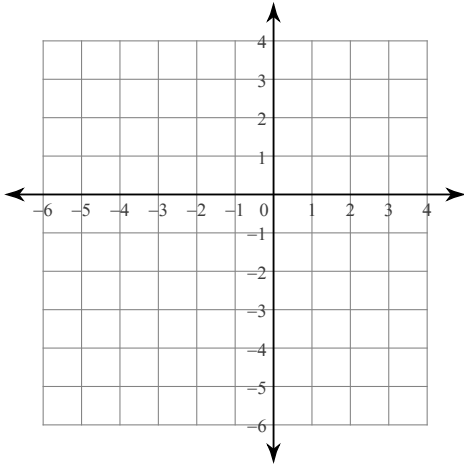5) $f(x) = -2x^2 + 4x$

6) $f(x) = 2x^2 + 4x + 1$
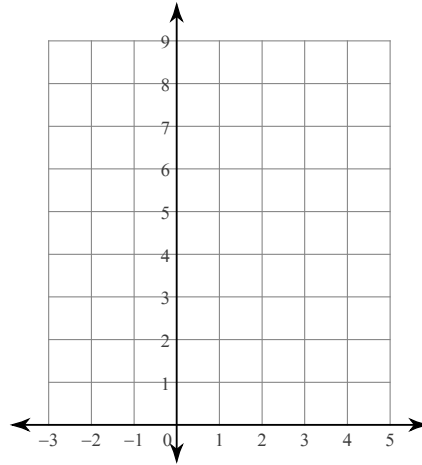
7) $f(x) = -x^2 + 4x - 2$
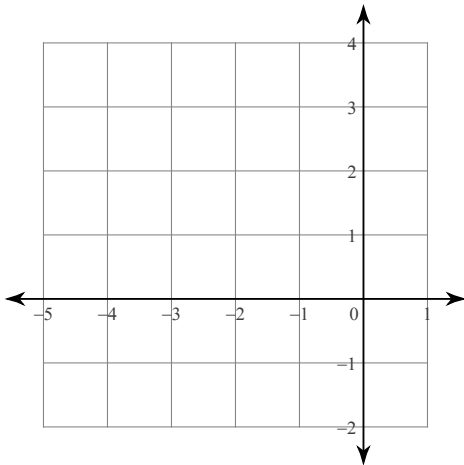
8) $f(x) = 2x^2 - 4x - 2$
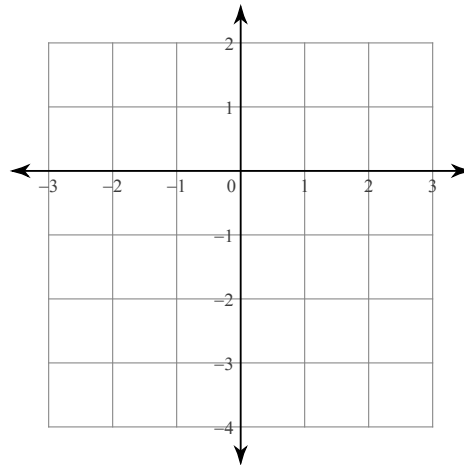
9) $f(x) = -2x^2 - 8x - 5$

10) $f(x) = x^2 - 2x + 5$
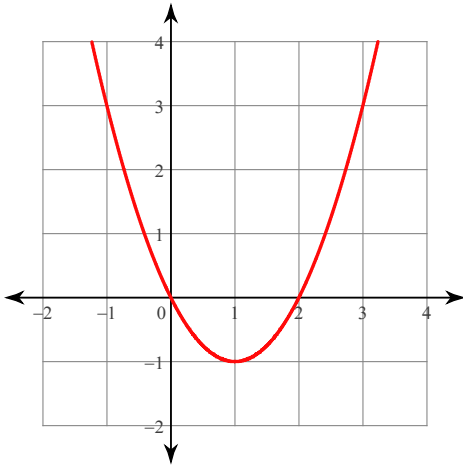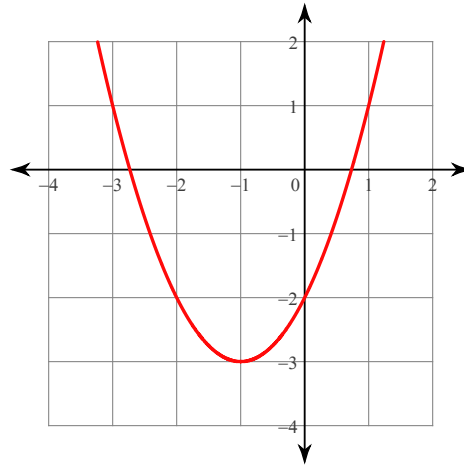
11) $f(x) = x^2 + 4x + 3$

12) $f(x) = -x^2 - 2x$

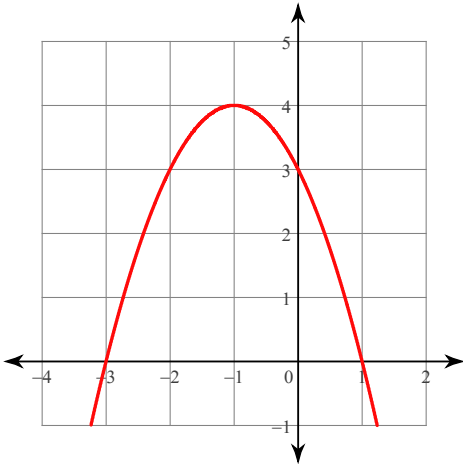**Sketch the graph of each function. Plot at least 5 Points each.**
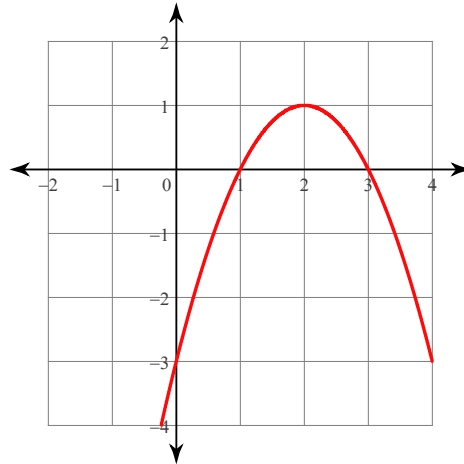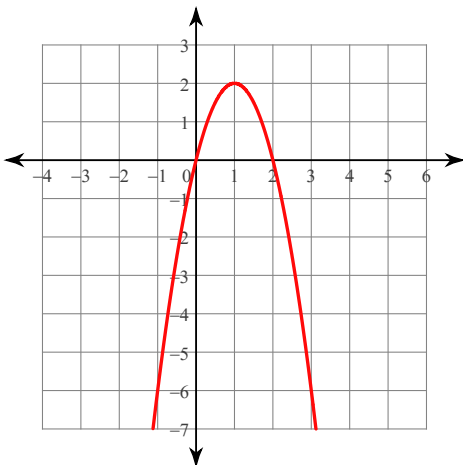
1) $f(x) = x^2 - 2x$
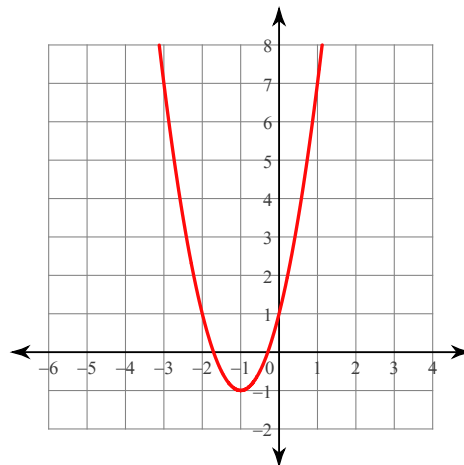
2) $f(x) = x^2 + 2x - 2$
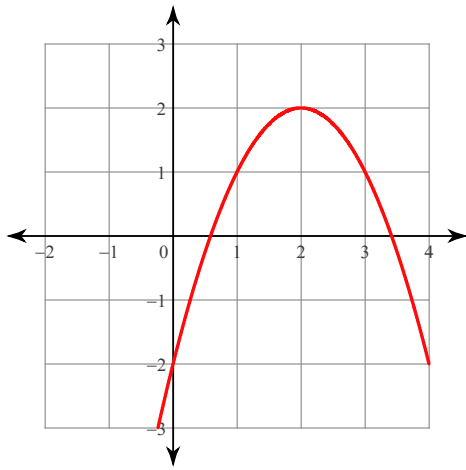
3) $f(x) = -x^2 - 2x + 3$

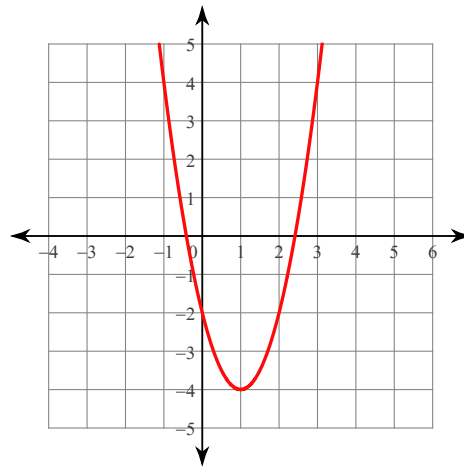4) $f(x) = -x^2 + 4x - 3$

5) $f(x) = -2x^2 + 4x$
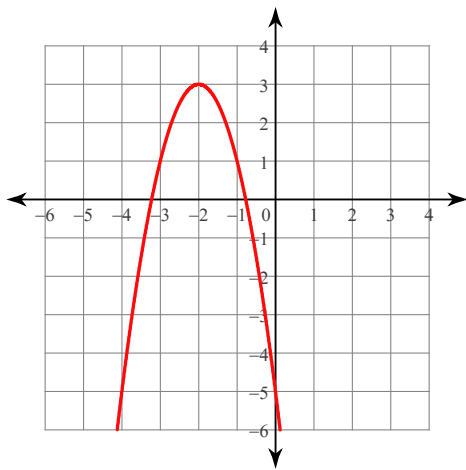
6) $f(x) = 2x^2 + 4x + 1$
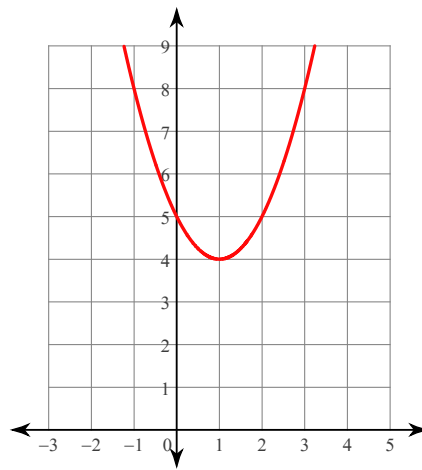
7) $f(x) = -x^2 + 4x - 2$
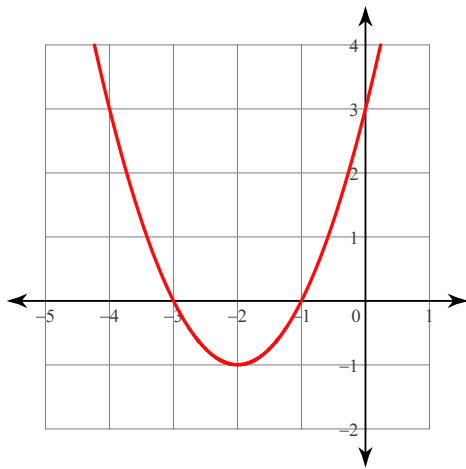
8) $f(x) = 2x^2 - 4x - 2$

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12) $f(x) = -x^2 - 2x$