Review: Quadratic Formula

1) Find the discriminant
2) Substitute into the quadratic equation
3) Number of solutions: 2, 1, 0
4) What do the roots look like?
5) Solve: x =
6) Sketch a graph

Examples

1) $x^2 + 2x - 35 = 0$
2) $x^2 + 8x + 16 = 0$
3) $x^2 - 10x - 50 = 0$
4) $4x^2 + 19x - 5 = 0$