Quadratic Formula:

Ex 1:
Use the Quadratic Formula to solve the equation.
$2x^2 - x - 1 = 0$

Ex 2:
Find all solutions of the equation. Check your solutions in the original equation.

(a) $x + \sqrt{31 - 9x} = 5$ **(b)** $(x+3)^{\frac{3}{2}} = 8$

Note: If $|x| = 7$, then $x = 7$ and $x = -7$

(c) $|3x + 2| = 7$

(d) $|x^2 + 6x| = 3x + 18$