Foundational – Order Formulas

Write down the Original Problem, show your Substitution, then **Evaluate** each expression.

1) If $a = 5, b = 7, c = -2$ Evaluate $b^2 - 4ac$	2) If $a = -1, b = 4, c = 3$ Evaluate $b^2 - 4ac$	3) If $a = -3, b = -1, c = -2$ Evaluate $b^2 - 4ac$
4) If $-2x^2 + 8x - 2$ Evaluate $b^2 - 4ac$	5) If $6x^2 - 8x + 2$ Evaluate $b^2 - 4ac$	6) If $-3x^2 + x - 5$ Evaluate $b^2 - 4ac$
7) If $a = -4, b = -16$ Evaluate $\frac{-b}{2a}$	8) If $a = -1, b = 14$ Evaluate $\frac{-b}{2a}$	9) If $a = 3, b = 6$ Evaluate $\frac{-b}{2a}$
10) If $-2x^2 + 20x + 6$ Evaluate $\frac{-b}{2a}$	11) If $3x^2 - 12x + 9$ Evaluate $\frac{-b}{2a}$	12) If $x^2 - 2x + 4$ Evaluate $\frac{-b}{2a}$