

Copy each problem and follow directions.

Solve each **Undoing Process**.

1) $-59 - 3c^2 = 49$	2) $(11 + y)^2 = -4$
3) $5(14 - 2n)^2 + 88 = 68$	4) $(2p + 14)^2 = 196$

Solve each **Quadratic by Factoring with Zero Product Property**.

5) $8x^2 + 18x + 4 = 0$	6) $-10v^2 + 26v - 12 = 0$
7) $8g^2 + 18g = -9$	8) $9x^2 - 88 = -52$

Solve each **Completing the Square**.

9) $x^2 - 10x = -29$	10) $x^2 + 4x - 16 = 0$
11) $x^2 + 12x - 4 = 0$	12) $c^2 - 11c + 40 = 10$

Factor problems #5 and #6 from your purple test. Show work on your homework paper.