

Copy each problem and follow directions.

Solve each **Quadratic by Factoring**.

1) $(-x + 12)(-2x - 12) = 0$	2) $(h - 14)(h - 4) = -24$
3) $24c^2 - 42c + 15 = 0$	4) $k^2 + 8k - 84 = -99$
5) $g(6g - 1) = 12$	6) $(2c - 5)(2c + 1) = 40$

Solve each **Completing the Square**.

7) $x^2 - 10x = -29$	8) $x^2 + 4x = 16$
9) $x^2 + 12x - 4 = 0$	10) $c^2 - 30c + 238 = 13$

Solve each using **The Formula**.

11) $3h^2 + 5h - 12 = 0$	12) $m^2 + 8m = -13$
13) $-8x^2 - 8x = 2$	14) $3n^2 - 4n + 2 = 0$

Solve each **Undoing Process**.

15) $-59 + 3c^2 = 49$	16) $(11 + y)^2 = 36$
17) $-5(14 - 2n)^2 + 88 = 68$	