

Solving Quadratic Equations by Factoring

HW #7-3

complete
circled
problems
on
separate
page!

Solve each equation by factoring.

$$(1) x^2 - 9x + 18 = 0$$

$$(2) x^2 + 5x + 4 = 0$$

$$(3) n^2 - 64 = 0$$

$$(4) b^2 + 5b = 0$$

$$5) 35n^2 + 22n + 3 = 0$$

$$6) 15b^2 + 4b - 4 = 0$$

$$7) 7p^2 - 38p - 24 = 0$$

$$8) 3x^2 + 14x - 49 = 0$$

$$9) 3k^2 - 18k - 21 = 0$$

$$10) 6k^2 - 42k + 72 = 0$$

$$(11) x^2 = 11x - 28$$

$$(12) k^2 + 15k = -56$$

$$13) 3m^2 = -16m - 21$$

$$14) 8x^2 = 30 + 43x$$

$$(15) x^2 + 17x + 49 = 3x$$

$$(16) m^2 = 2m$$

$$17) 2k^2 - 14 = -3k$$

$$18) 3v^2 + 36v + 49 = 8v$$

$$19) 10x^2 - 26x = -12$$

$$20) 15p^2 + 80 = -80p$$