QUADRATIC FACTORING
SOLUTIONS

$$(1) \quad x^2+6x+8 = (x+4)(x+2)$$

$$(2) \quad x^2+13x+42 = (x+7)(x+6)$$

$$(3) \quad x^2+2x+1 = (x+1)(x+1)$$

$$(4) \quad x^2+11x+28 = (x+4)(x+7)$$

$$(5) \quad x^2-8x+15 = (x-5)(x-3)$$

$$(6) \quad x^2-3x+2 = (x-1)(x-2)$$

$$(7) \quad x^2-6x+9 = (x-3)(x-3)$$

$$(8) \quad x^2-8x+7 = (x-1)(x-7)$$

$$(9) \quad x^2-5x+6 = (x-3)(x-2)$$

$$(10) \quad x^2-10x+21 = (x-7)(x-3)$$

$$(11) \quad x^2+x-6 = (x+3)(x-2)$$

$$(12) \quad x^2-4x-21 = (x-7)(x+3)$$

$$(13) \quad x^2-2x-8 = (x+2)(x-4)$$

$$(14) \quad x^2-4x-12 = (x-6)(x+2)$$

$$(15) \quad x^2+5x-6 = (x+6)(x-1)$$

$$(16) \quad 4x^2-16 = (2x-4)(2x+4)$$

$$(17) \quad 49x^2-25 = (7x-5)(7x+5)$$

$$(18) \quad x^2-9 = (x-3)(x+3)$$

Created using QuadGen and LaTeX 2ε on January 4, 2007