Factoring Special Quadratics

$* \ Ax^2 + Bx + C$

If B = Ø then the SUM is zero.

If C = Ø then find a common denominator.

Factor each Polynomial and solve if possible

Ex1) $12x + 42y$

Ex2) $4x^4 + 24x^3$

Ex3) $15x^2 + 25x$

Ex4) $3x^2 + 12x^4$

Ex5) $12x + 14y$

Ex6) $4x^4 + 24x^3$

Ex7) $2b^2 - 6b = 0$

Ex8) $-18x^2 + 12x = 0$

Ex9)$6x^3 = 12x$

Ex10)$a^2 + 5a = 0$

Ex11) $y^2 - 16 = 0$

Ex12) $x^2 - 25 = 0$

Ex13) $4x^2 - 36 = 0$