Factoring Polynomials Answer

Name: _ _ _ _ _ _ _ _ _ _ _ _ _ _
Date: _ _ _ _ _ _ _ _ _ _ _ _ _

Answer the questions.

$2k^2 + 19k - 10$

$(2k - 1)(k + 10)$

$121a^2 - 66ab + 9b^2$

$(11a - 3b)^2$

$10m^2 + 17m + 6$

$(2m + 1)(5m + 6)$

$12v^2 - 4v - 16$

$4(v + 1)(3v - 4)$

$3x^2 - 8x + 4$

$(3x - 2)(x - 2)$

$4w^2 - 17w - 15$

$(4w + 3)(w - 5)$

$2m^2 + 63m + 145$

$(2m + 5)(m + 29)$

$3x^2 + 36x^5 + 108x^3$

$3x^3(x^2 + 6)^2$

$5x^2 + 9x - 2$

$(5x - 1)(x + 2)$

$3x^2 - 2x - 5$

$(x + 1)(3x - 5)$

$10u^3 - 130u^2 + 400u$

$10u(u - 5)(u - 8)$

$15a^2 + 45ab + 60ab^2$

$15a(a + 3b + 4b^2)$