

$(9x - 9)(9x + 1) = 81x^2 + 9x - 81x - 9 = 81x^2 - 72x - 9$ , not  $81x^2 - 9$ . The given expression is a difference of squares, which can be factored using  $r^2 - s^2 = (r + s)(r - s)$ . The correct answer is  $(9x + 3)(9x - 3)$ .