Factoring Trinomials Quiz

Multiple Choice
Identify the choice that best completes the statement or answers the question.

_____ 1. Factor the trinomial $x^2 + 8x + 15$.
    a. $(x-3)(x-5)$
    b. $(x+8)(x+1)$
    c. $(x+5)(x+3)$
    d. $(x+1)(x+15)$

_____ 2. Factor the trinomial $r^2 + r - 20$.
    a. $(r-4)(r+5)$
    b. $(r-5)(r-4)$
    c. $(r+1)(r-20)$
    d. $(r-1)(r-20)$

_____ 3. Factor the trinomial $a^2 - 8a + 15$.
    a. $(a-3)(a-5)$
    b. $(a+5)(a+3)$
    c. $(a+1)(a+15)$
    d. $(a+8)(a+1)$

Short Answer

4. Factor the trinomial $x^2 + 9x + 20$.