

Name: \_\_\_\_\_ Show work needed to justify your answer. Date: \_\_\_\_\_

**HW # 61a:** Algebra 1 - Standard 38 - Factor Quadratic Trinomials

5 points

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Factor each polynomial, if possible. If the polynomial cannot be factored using integers, write *prime*.

21.  $5x^2 + 34x + 24$

22.  $2x^2 + 19x + 24$

25.  $2x^2 - 3x - 9$

26.  $4x^2 - 13x + 10$

35.  $2y^2 + y - 1$

36.  $4h^2 + 8h - 5$

47.  $3g^2 - 7g + 2$

48.  $2t^2 - 11t + 15$