Algebra 1 - Mr. Allen-Black & Mrs. Gulamali   Name_____

Factoring Trinomials - Various A Values

Date_____ Period_____

Find each product.

1) $(3a + 4)(2a + 1)$

2) $(5k + 2)(4k - 3)$

Factor each completely.

3) $2n^2 + 5n - 12$

4) $5r^2 - 13r - 6$

5) $2v^2 + 7v + 6$

6) $4m^2 - 12m + 9$

7) $4p^2 - 15p - 4$

8) $4x^2 + 13x + 10$

9) $3v^2 + 5v - 2$

10) $5x^2 + 29x + 20$

11) $4n^2 - 12n + 5$

12) $4x^2 + 17x + 4$

Answers to Factoring Trinomials - Various A Values

1) $6a^2 + 11a + 4$

3) $(2n - 3)(n + 4)$

5) $(2v + 3)(v + 2)$

7) $(p - 4)(4p + 1)$

9) $(3v - 1)(v + 2)$

11) $(2n - 5)(2n - 1)$