

8.5 Factoring Quadratic Trinomials

Period _____

Use the $ac = ?$; $b=?$ method to factor expression each completely.

1) $3m^2 - 2m - 1$

2) $3p^2 + 13p + 4$

3) $2n^2 + 9n + 10$

4) $3m^2 - 17m + 10$

5) $3n^2 + 11n + 10$

6) $5n^2 + 2n - 3$

7) $3x^2 - 2x - 8$

8) $5n^2 + 29n + 20$

$$9) \ 4x^2 - 4x + 1$$

$$10) \ 4a^2 - 21a + 5$$

$$11) \ 4n^2 + 13n - 12$$

$$12) \ 4v^2 + 12v + 5$$

$$13) \ 4x^2 - 3x - 10$$

$$14) \ 4x^2 - 7x - 15$$

$$15) \ 4m^2 - 9m + 2$$

$$16) \ 4x^2 + 4x - 3$$