

Quadratics Factoring Review

Date _____ Period _____

Factor each completely.

1) $27m^2 + 135m + 168$

2) $9b^2 - 59b + 30$

3) $6x^2 + 13x + 6$

4) $9x^2 - 9x - 4$

5) $9p^3 - 44p^2 - 60p$

6) $24x^2 + 28x - 80$

7) $8v^2 - 10v - 25$

8) $30x^2 - 9x - 12$

9) $9v^2 + 47v + 10$

10) $9m^3 - 52m^2 - 12m$

Quadratics Factoring Review

Date _____ Period _____

Factor each completely.

1) $27m^2 + 135m + 168$

$$3(3m + 8)(3m + 7)$$

2) $9b^2 - 59b + 30$

$$(b - 6)(9b - 5)$$

3) $6x^2 + 13x + 6$

$$(2x + 3)(3x + 2)$$

4) $9x^2 - 9x - 4$

$$(3x - 4)(3x + 1)$$

5) $9p^3 - 44p^2 - 60p$

$$p(p - 6)(9p + 10)$$

6) $24x^2 + 28x - 80$

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

7) $8v^2 - 10v - 25$

$$(2v - 5)(4v + 5)$$

8) $30x^2 - 9x - 12$

$$3(2x + 1)(5x - 4)$$

9) $9v^2 + 47v + 10$

$$(v + 5)(9v + 2)$$

10) $9m^3 - 52m^2 - 12m$

$$m(m - 6)(9m + 2)$$