

Factor Quadratics
(Difference of Squares, $a > 1$)

Factor each completely.

$$16m^2 - 9$$

$$9r^2 - 4$$

$$9c^2 - 16$$

$$36p^2 - 81$$

$$4d^2 - 49$$

$$9 - 4g^2$$

$$16w^2 - 25$$

$$49n^2 - 36$$

Factor Quadratics
(Difference of Squares, $a > 1$)

Factor each completely.

$$16m^2 - 9$$
$$= (4m - 3)(4m + 3)$$

$$9r^2 - 4$$
$$= (3r - 2)(3r + 2)$$

$$9c^2 - 16$$
$$= (3c - 4)(3c + 4)$$

$$36p^2 - 81$$
$$= (6p - 9)(6p + 9)$$

$$4d^2 - 49$$
$$= (2d - 7)(2d + 7)$$

$$9 - 4g^2$$
$$= (3 - 2g)(3 + 2g)$$

$$16w^2 - 25$$
$$= (4w - 5)(4w + 5)$$

$$49n^2 - 36$$
$$= (7n - 6)(7n + 6)$$