

## Factor Quadratics (Perfect Squares)

Factor each completely.

$$25s^2 + 30s + 9$$

$$9g^2 - 42g + 49$$

$$16r^2 + 56r + 49$$

$$4p^2 + 36p + 81$$

$$z^2 - 2z + 1$$

$$16g^2 - 24g + 9$$

$$9k^2 - 24k + 16$$

$$4s^2 + 4s + 1$$

## Factor Quadratics (Perfect Squares)

Factor each completely.

$$25s^2 + 30s + 9 \\ = (5s + 3)^2$$

$$9g^2 - 42g + 49 \\ = (3g - 7)^2$$

$$16r^2 + 56r + 49 \\ = (4r + 7)^2$$

$$4p^2 + 36p + 81 \\ = (2p + 9)^2$$

$$z^2 - 2z + 1 \\ = (z - 1)^2$$

$$16g^2 - 24g + 9 \\ = (4g - 3)^2$$

$$9k^2 - 24k + 16 \\ = (3k - 4)^2$$

$$4s^2 + 4s + 1 \\ = (2s + 1)^2$$