

Factor the resulting Perfect Square Trinomials, if any, after factoring out the Greatest Common Factor.

1.  $x^2 + 8x + 16$

2.  $2a^2 + 10a + 50$

3.  $y^2 - 18y + 81$

4.  $4a^2 + 12a + 9$

5.  $x^2 + xy + y^2$

6.  $9x^2 - 24xy + 16y^2$

7.  $16a^2 + 24ab + 9b^2$

8.  $16x^2 - 32xy + 16y^2$

9.  $4x^2 - 16xy + 16y^2$

10.  $9x^2 + 27xy + 81y^2$

11.  $25a^2 - 50ab + 25b^2$

12.  $81x^2 - 198xy + 121y^2$