

Name: _____

Math is Gold

Date: _____

Topic: Factorization

(id:fa_perf_sqr_M.1)

Title: Check if it is a perfect square trinomial and factor.

1) $4a^2 + 12ab + 9b^2$

2) $25a^2 + 10ab + 7b^2$

3) $9x^2 - 6xy + y^2$

4) $y^2 + 4xy + 4x^2$

5) $9a^2 - 12ab + 4b^2$

6) $25x^2 + 70xy - 49y^2$

7) $4x^2 + 20xy + 25y^2$

8) $x^2 + 14xy + 49y^2$

9) $c^2 - 8cd + 16d^2$

10) $x^2 + 8xy + 5y^2$

11) $4y^2 - 28xy + 49x^2$

12) $25p^2 - 30pq + 9q^2$

13) $x^2 + 10xy + 2y^2$

14) $a^2 + 6ab + 9b^2$

15) $m^2 - 14mn + 49n^2$