

Name: \_\_\_\_\_

# Math is Gold

Date: \_\_\_\_\_

Topic: Special Product

(id:poly\_specialprod1\_M.1)

Title: Simplify using the formula  $(a + b)^2 = a^2 + 2ab + b^2$

1)  $(1 + x^2)^2$

2)  $(2 + 3a^2)^2$

3)  $(p^2 + 5)^2$

4)  $(2m^2 + 1)^2$

5)  $(5 + 6n^2)^2$

6)  $(10 + c^2)^2$

7)  $(d^2 + 11)^2$

8)  $(5 + 2f^2)^2$

9)  $(1 + 5g^2)^2$

10)  $(7 + 2q^2)^2$

11)  $(4 + 2m^2)^2$

12)  $(3 + 6n^2)^2$

13)  $(10 + 3h^2)^2$

14)  $(1 + 9j)^2$

15)  $(5 + 3k^2)^2$