

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

# Math is Gold

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

Topic: Special Product

(id:poly\_specialprod3\_B.1)

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

1)  $(x + 2y)(x - 2y)$

2)  $(1 + a)(1 - a)$

3)  $(2 - p)(2 + p)$

4)  $(5 + 2q)(5 - 2q)$

5)  $(m + 7)(m - 7)$

6)  $(2a + 3b)(2a - 3b)$

$$7) (x - 3y)(x + 3y)$$

$$8) (m + 4n)(m - 4n)$$

$$9) (2l + 5m)(2l - 5m)$$

$$10) (3c - d)(3c + d)$$

$$11) (u + 9v)(u - 9v)$$

$$12) (2f - 1)(2f + 1)$$

13)  $(10g + 3)(10g - 3)$

14)  $(1 + 5h)(1 - 5h)$

15)  $(15 - 2d)(15 + 2d)$