

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

# Math is Gold

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

**Topic: Algebra Basics (Distributive property)**

**(id:basics\_dist\_prop\_A.1)**

**Title: Simplify using distributive property.**

1)  $2a - b - 6(2a - 3b)$

2)  $8x - 4y - 2(10x - 3y)$

3)  $15x + 9y - 7(3x - y)$

4)  $p + 3q - 5(p - 4q)$

5)  $11p - 7q - 2(5p - 6q)$

6)  $3(2x + 5) + 2(5x + 1)$

$$7) 7(2a - 1) + 5(3a - 2)$$

$$8) 6(2 + c) - 7(3 - c)$$

$$9) 8(s + 4) - 2(1 - 2s)$$

$$10) -5(p + 3) + 3(2 - p)$$

$$11) 4(2x - 3y) - 2(x + 5y)$$

$$12) 5(a + 2b) - (3a + 10b)$$

$$13) -3(p + 15q) - (7p - 5q)$$

$$14) 2(m - 3n) - (7m - 5n)$$

$$15) -6(3c - d) + 4(2c + d)$$