Name: _____ Period: _____ Date: _____

MODULE 3
Lesson 4: Writing Products as Sums and Sums as Products
(Exit Ticket)

I. **Direction:** Use the Distributive Property to find each product.

1. $7(b + 3)$ = _____ + _____
2. $6(a - 2)$ = _____ − _____
3. $9(3y + 5)$ = _____ + _____
4. $8(10m - 3n)$ = _____ − _____
5. $4(7p + 5q)$ = _____ + _____

II. **Direction**: Write each expression as the product of two factors.

1. $3 \times 9 + 2 \times 9$ = _____ (_____ + _____)
2. $4 \times 8 - 7 \times 4$ = _____ (_____ − _____)
3. $10a + 10b$ = _____ (_____ + _____)
4. $5d - d$ = _____ (_____ − _____)
5. $(12 + 5) + (12 + 5) + (12 + 5)$ = _____ (_____ + _____)
6. $(5 - 3) + (5 - 3) + (5 - 3)$ = _____ (_____ − _____)
7. $(3m + 2n) + (3m + 2n) + (3m + 2n)$ = _____ (_____ + _____)
8. $(7x - y) + (7x - y) + (7x - y)$ = _____ (_____ − _____)

III. **Direction**: Rewrite the expression as a product of two factors.

1. $6y + 9$ = _____ (_____ + _____)
2. $7x - 21y$ = _____ (_____ − _____)
3. $12 + 18h$ = _____ (_____ + _____)
4. $10n + 20m$ = _____ (_____ + _____)
5. $9a - 9b$ = _____ (_____ − _____)