

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

## Algebraic Properties

A) Simplify the following expressions by combining like terms when possible.

$$1) 4z - (-7z - 3) + 12z - 7$$

$$2) 6(x + 1) - 6(x - 1) - 6x$$

$$3) 3ab - 4(ab - 6ab + 5ab)$$

$$4) \frac{5}{7}z - \frac{3}{8}z - z$$

$$5) -2.3x - 0.3(8xy + 10.5xy - 5.3xy^2 - 5x)$$

$$6) -2x(3x - 3y + 4)$$