

Problem Set

1. Use the distributive property to write the following expressions in expanded form.
 - a. $4(x + y)$
 - b. $8(a + 3b)$
 - c. $3(2x + 11y)$
 - d. $9(7a + 6b)$
 - e. $c(3a + b)$
 - f. $y(2x + 11z)$

2. Create a model to show that $2(2x + 3y) = 4x + 6y$.