

Distribution

Math Prep Homework Worksheet 3

1. Make up four examples of each.

a) constant terms

b) linear terms

c) binomials

2. Simplify.

a) $2(4x + 9) + (5x + 3)$

b) $2(4x + 9) - (5x + 3)$

c) $5(6x + 1) + 8(2x + 5)$

d) $-3(x - 4) + 6(2x + 5)$

e) $10(2x + 5) - 4(2x - 3)$

f) $1 - (13x - 4)$

3. Fill in the blanks to make the equations true.

a) $2(5x + 6) + \underline{\hspace{2cm}} = 10x + 13$

b) $\underline{\hspace{2cm}}(3x + 11) = -6x - 22$

c) $5(\underline{\hspace{2cm}} + 3) + 18 = 10x + 33$