

Objectives 9-5-01

1. Explain the distributive property
2. Use the distributive property to simplify and evaluate expressions
3. Solve equations by using distribution.

Key terms

_____ Sum _____
_____ Product _____
_____ Term _____
_____ Variable expression _____
_____ Distributive property _____

$$2(1+3)$$

$$2(1) + 2(3)$$

$$5(3 + 2)$$

$$5(3) + 5(2)$$

$$4(1 - 1)$$

$$4(1) - 4(1)$$

$$4(1) + 4(-1)$$

$$2(x + 2)$$

$$2(x) + 2(2)$$

$$-1(x + 3)$$

$$-(x) - (3)$$

definition of the
distributive property