
Using-Distributive-Property-Worksheet
Distributive Property
Distributive Property Basics

Name: _____
Date: _____

Evaluate using the distributive property. Show your work and all steps.

Example: $5(3 + 2) = 5 \cdot 3 + 5 \cdot 2 = 15 + 10 = 25$

$$1) 3(2 + 4)$$

$$2) 5(3 - 1)4$$

$$3) 5(2 + 3 + 4)$$

$$4) 2(10 + 5)$$

$$5) 3(2 - 2)(5)$$

$$6) 5(2 + 4 + 6)$$

Use the distributive property to evaluate. Write the following equations using the distributive property. There are lots of possible answers.

Example: $3 \cdot 2 + 3 \cdot 2 = 3(2 + 2) = 12 + 6 = 18$

$$7) 10 + 10 + 10 + 10$$

$$8) 10 \cdot 10 + 10 \cdot 10$$

$$9) 10 \cdot 10 + 10 \cdot 10$$

Use the distributive property to evaluate. Show your work.

Example: $2(100) = 2(100 + 0) = 2 \cdot 100 + 2 \cdot 0 = 200 + 0 = 200$

$$2(99) = 2(100 - 1) = 2 \cdot 100 - 2 \cdot 1 = 200 - 2 = 198$$

$$10) 2(100)$$

$$11) 2(99)$$

$$12) 2(100)$$

$$13) 2(999)$$

$$14) 2(999)$$

$$15) 2(1000)$$