

# The Distributive Property 1

Use the Distributive Property to remove the parentheses from the following expressions.

- |   |                           |
|---|---------------------------|
| 1) $2(3 \text{ apples} + 4 \text{ bananas})$                  | 13) $2(3A + 4B)$          |
| 2) $5(1 \text{ cherry} + 2 \text{ grapes})$                   | 14) $5(1R + 2G)$          |
| 3) $4(3 \text{ quarts} - 2 \text{ scoops})$                   | 15) $3(2N + 1)$           |
| 4) $1(2 \text{ bags} + 5 \text{ ties})$                       | 16) $4(5N - 2)$           |
| 5) $8(2 \text{ eggs} + 3 \text{ slices bacon})$               | 17) $\frac{1}{2}(8N - 6)$ |
| 6) $6(5 \text{ eggs} - 2 \text{ yolks})$                      | 18) $7(3X + 2)$           |
| 7) $\frac{1}{2}(6 \text{ cups flour} + 2 \text{ tsp salt})$   | 19) $4(X + 1)$            |
| 8) $20(1 \text{ gal. gas} + 2 \text{ oz. oil})$               | 20) $9(x - 4)$            |
| 9) $3(2 \text{ cup water} + 1 \text{ cup rice})$              | 21) $1(6x - 2)$           |
| 10) $5(3 \text{ pencils} + 1 \text{ eraser} + 1 \text{ pen})$ | 22) $2(x + y + 2z)$       |
| 11) $25(2 \text{ eggs} + 3 \text{ pancakes})$                 | 23) $3(2x - 3y - 5z)$     |
| 12) $2(1 \text{ sq. yd. carpet} + 12 \text{ feet trim})$      |                           |

**Addition, Subtraction, Multiplication & Division of Signed Numbers 2**  
Perform the Indicated Operations

1)  $7 + (-3) =$  \_\_\_\_\_

2)  $4 - 9 =$  \_\_\_\_\_

3)  $(-5)(-7) =$  \_\_\_\_\_

4)  $-6 + (-1) =$  \_\_\_\_\_

5)  $-10 - 4 =$  \_\_\_\_\_

6)  $-20 / (-5) =$  \_\_\_\_\_

7)  $6(-9) =$  \_\_\_\_\_

8)  $8 - (-8) =$  \_\_\_\_\_

9)  $-|-16| =$  \_\_\_\_\_

10)  $-9 + 11 =$  \_\_\_\_\_

11)  $-2(4) =$  \_\_\_\_\_

12)  $8 - 3 =$  \_\_\_\_\_

13)  $(-4)(-3)(-2) =$  \_\_\_\_\_

14)  $-3 - (-4) =$  \_\_\_\_\_

15)  $-8^2 =$  \_\_\_\_\_

16)  $-1 - 1 =$  \_\_\_\_\_

17)  $-\frac{-12}{-9} =$  \_\_\_\_\_

18)  $-8 - (-3) - 4 =$  \_\_\_\_\_

19)  $1 - (-1) - 1 =$  \_\_\_\_\_

20)  $(-1)^{2001} =$  \_\_\_\_\_