

SPARK Hybrid Education Center

Mathematics | Week 4: Distributive Property | Lower Level

Name: _____

Date: _____

Directions: Solve each problem. Show your work in the space provided. Circle your final answer.

1. Expand: $3(x + 4)$

2. Expand: $5(2a - 3)$

3. Expand: $-2(y + 6)$

4. Simplify: $4(x + 2) + 3x$

5. Simplify: $2(3m - 1) + 5m$

6. Simplify: $3(2x + 4) - 5x$

7. Factor using distributive property: $12x + 8$

8. Solve by distributing: $2(x - 3) = 8$

--- Answer Key (Cut before distributing) ---

1. $3x + 12$
2. $10a - 15$
3. $-2y - 12$
4. $7x + 8$
5. $11m - 2$
6. $x + 12$
7. $4(3x + 2)$
8. $x = 7$

