

10th Grade Distributive Property Worksheet

1. Expand: $9(x + 7) =$

2. Expand: $6(y - 5) =$

3. Expand: $4(3a + 8) =$

4. Expand: $7(m - 6) =$

5. Expand: $5(2p + 9) =$

6. Factorize: $14x + 21 =$

7. Factorize: $16y - 24 =$

8. Factorize: $25a + 35 =$

9. Factorize: $30m - 45 =$

10. Simplify: $3(4x + 2) - 5(x - 7) =$

11. Simplify: $6(y-3) + 2(y+4) - 3y =$

12. Solve for m: $6(m - 5) + 9m = 81 \rightarrow m =$