One Step Equations Worksheet

Name: _____ Date: _____

Instruction: Solve each equation that includes an algebraic expression. Use inverse operations to isolate the variable. Show your work.

① Section A – Expression on One Side

1. $2x + 3 = 11$

2. $5y - 2 = 13$

3. $4a - 7 = 9$

4. $3m + 6 = 15$

② Section B – Expression with Division or Fraction Coefficients

5. $(1/2)x + 1 = 3$

6. $3/4)y - 2 = 1$

7. $(2/5)a + 4 = 6$

8. $0.25m - 1 = 0$

③ Section C – Expressions on Both Sides

9. $2x + 5 = x + 9$

10. $3y - 2 = y + 6$

11. $4a + 1 = 2a + 7$

12. $5m - 3 = 2m + 6$