

Name: _____

Date: _____

Combine like terms (Set B)

Solve each equation. Check your answer by substituting it.

1. $2y + 2y + 11 = 19$ _____

11. $3y + 2y - 11 = -41$ _____

2. $2y + 4y - 8 = 46$ _____

12. $6n + 4n - 12 = -52$ _____

3. $4x + 4x + 7 = -17$ _____

13. $2a + 4a + 7 = -17$ _____

4. $3x + 4x - 11 = 10$ _____

14. $4y + 5y + 4 = -77$ _____

5. $3y + 2y + 5 = -35$ _____

15. $4a + 5a + 1 = -8$ _____

6. $4y + 3y + 8 = 50$ _____

16. $5y + 5y - 5 = -15$ _____

7. $3x + 4x - 6 = 8$ _____

17. $4a + 5a - 5 = -68$ _____

8. $2a + 5a - 1 = 55$ _____

18. $6n + 2n + 3 = 19$ _____

9. $5n + 5n + 1 = 11$ _____

19. $5n + 5n - 2 = 78$ _____

10. $5n + 2n + 11 = -31$ _____

20. $3a + 5a + 5 = 45$ _____

Multi-Step Equations: Answer Key

1. $y = 2$

2. $y = 9$

3. $x = -3$

4. $x = 3$

5. $y = -8$

6. $y = 6$

7. $x = 2$

8. $a = 8$

9. $n = 1$

10. $n = -6$

11. $y = -6$

12. $n = -4$

13. $a = -4$

14. $y = -9$

15. $a = -1$

16. $y = -1$

17. $a = -7$

18. $n = 2$

19. $n = 8$

20. $a = 5$