Algebra 1 - Unit 2 - What Are Solutions? (Medium)

For each equation, write the number of solutions (zero, one, or infinite).

1. $3x + 9 = 18$

2. $5x + 4 = 14$

3. $5x + 12 = 47$

4. $3x + 10 = 37$

5. $5x + 5 = 50$

6. $3x + 9 = 33$

7. $5x + 3 = 28$

8. $5x + 4 = 39$

9. $5x + 5 = 30$

10. $2x + 9 = 23$

Algebra 1 – Unit 2 – What Are Solutions? (Medium)

For each equation, write the number of solutions (zero, one, or infinite).

11. $3x + 8 = 32$

12. $5x + 3 = 43$

13. $6x + 11 = 65$

14. $5x + 4 = 49$

15. $4x + 9 = 37$

16. $3x + 10 = 28$

Algebra 1 - Unit 2 - What Are Solutions? (Medium) - Answer Key

1. $3x + 9 = 18$
   one

2. $5x + 4 = 14$
   one

3. $5x + 12 = 47$
   one

4. $3x + 10 = 37$
   one

5. $5x + 5 = 50$
   one

6. $3x + 9 = 33$
   one

7. $5x + 3 = 28$
   one

8. $5x + 4 = 39$
   one

9. $5x + 5 = 30$
   one

10. $2x + 9 = 23$
    one

11. 3x + 8 = 32

one

12. 5x + 3 = 43

one

13. 6x + 11 = 65

one

14. 5x + 4 = 49

one

15. 4x + 9 = 37

one

16. 3x + 10 = 28

one