Fresh Math

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

1. text{How many solutions: } 3x + 10 = 3x + 64? text{(0, 1, or 99 for infinite)}

2. text{How many solutions does } 7x + 12 = 7x + 12 text{ have? (0, 1, or 99 for infinite)}

3. text{If } 4x + 14 = 4x + k text{ has no solution, k could be:}

4. text{How many solutions does } 4x + 3 = 4x + 3 text{ have? (0, 1, or 99 for infinite)}

5. text{If } 3x + 14 = 3x + k text{ has no solution, k could be:}

6. text{How many solutions does } 7x + 12 = 7x + 18?

7. text{How many solutions does } 3x + 20 = 3x + 20?

8. text{How many solutions does } 2x + 12 = 2x + 1

9. text{How many solutions does } 2x + 10 = 2x + 1

10. text{How many solutions: } 6x + 7 = 4x + 20? te

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

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1. text{How many solutions: } 3x + 10 = 3x + 64? text{How many solutions does} 7x + 12 = 7x + 18

   x = 0

   x = 0

2. text{How many solutions does } 7x + 12 = 7x + 12 text{How many solutions does } 3x + 20 = 3x + 20?

   x = 999

   x = 0

3. text{If } 4x + 14 = 4x + k text{ has no solution, k could be:}

   x = 24

8. text{How many solutions does } 2x + 12 = 2x + 1

   x = 999

4. text{How many solutions does } 4x + 3 = 4x + 3? text{How many solutions does } 2x + 10 = 2x + 1

   x = 999

   x = 999

5. text{If } 3x + 14 = 3x + k text{ has no solution, k could be:}

   x = 20

10. text{How many solutions: } 6x + 7 = 4x + 20? te

   x = 1