socrative
by MasteryConnect

Name: _____ Date: _____

Quiz name: One Solution, No Solution, Infinite Number Solution

1. What period is your math class?.

(A) Period 2
(B) Period 3
(C) Period 4
(D) Period 6
(E) Period 8
(F) Period 9

2. Identify whether each equation has one solution, no solution, or an infinite number of solutions. Show your work..

(A) One Solution
(B) No Solution
(C) Infinite Number os Solutions

1. $2x + 2x + 2 = 4x + 2$

3. Identify whether each equation has one solution, no solution, or an infinite number of solutions. Show your work..

(A) One Solution
(B) No Solution
(C) Infinite # of Solutions

2. $3(x - 1) = 2x + 9$

4. Identify whether each equation has one solution, no solution, or an infinite number of solutions. Show your work..

(A) One Solution
(B) No Solution
(C) Infinite # of Solutions

3. $2x + 8 = 2(x + 4)$

5. Identify whether each equation has one solution, no solution, or an infinite number of solutions. Show your work..

(A) One Solution
(B) No Solution
(C) Infinite # Solution

$2x - x + 7 = x + 3 + 4$

6. Identify whether each equation has one solution, no solution, or an infinite number of solutions. Show your work..

(A) One Solution
(B) No Solution
(C) Infinite # Solution

5. $-2(x + 1) = -2x + 5$

7. Identify whether each equation has one solution, no solution, or an infinite number of solutions. Show your work..

A One Solution
B No Solution
C Infinite # Solution

6. $4x + 2x + 2 = 3x - 7$

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8. Identify whether each equation has one solution, no solution, or an infinite number of solutions. Show your work..

A One Solution
B No Solution
C Infinite # of Solutions

7. $2(x + 2) + 3x = 2(x + 1) + 1$

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9. Identify whether each equation has one solution, no solution, or an infinite number of solutions. Show your work..

A One Solution
B No Solution
C Infinite # of Solutions

8. $4(x - 1) = \frac{1}{2}(x - 8)$

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10. Identify whether each equation has one solution, no solution, or an infinite number of solutions. Show your work..

A One Solution
B No Solution
C Infinite # of Solutions

9. $x + 2x + 7 = 3x - 7$

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11. Identify whether each equation has one solution, no solution, or an infinite number of solutions. Show your work..

A One Solution
B No Solution
C Infinite # of Solutions

10. $3x - x + 4 = 4(2x - 1)$

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12. Identify whether each equation has one solution, no solution, or an infinite number of solutions. Show your work..

A One Solution
B No Solution
C Infinite # of Solutions

11. $4(2x + 1) = 5x + 3x + 9$

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13. Identify whether each equation has one solution, no solution, or an infinite number of solutions. Show your work..

A One Solution
B No Solution
C Infinite # of Solution

12. $10 + x = 5(\frac{1}{5}x + 2)$

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14. Identify whether each equation has one solution, no solution, or an infinite number of solutions. Show your work..

A One Solution
B No Solution
C Infinite # of Solutions

13. $8(x + 2) = 2x + 16$

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15. Identify whether each equation has one solution, no solution, or an infinite number of solutions. Show your work..

A One Solution

B No Solution

C Infinite # of Solutions

14. $3+\frac{3}{2}x+4=4x-\frac{5}{2}x$

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16. Identify whether each equation has one solution, no solution, or an infinite number of solutions. Show your work..

A One Solution

B No Solution

C Infinite # of Solutions

15. $\frac{3}{2}(2x+6)=3x+9$

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17. Identify whether each equation has one solution, no solution, or an infinite number of solutions. Show your work..

A One Solution

B No Solution

C Infinite # of Solutions

16. $\frac{1}{2}(2-4x)+2x=13$

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18. Identify whether each equation has one solution, no solution, or an infinite number of solutions. Show your work..

A One Solution

B No Solution

C Infinite # of Solutions

17. $12+2x-x=9x+6$

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19. Identify whether each equation has one solution, no solution, or an infinite number of solutions. Show your work..

A One Solution

B No Solution

C Infinite # of Solutions

18. $4x+1=2(2x+3)$