

Unique Solutions – Solve each equation. There are 3 possible outcomes:

One Solution $x = 3$	Infinitely Many Solutions (I.M.S.) $5 = 5$	No Solution $5 = 4$
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If there are no solutions or infinitely many solutions, write “**I.M.S.**” or “**No Solution**”.

1. $5x + -3 = 2x + 5 + 3x$

6. $3(2x + 5) = 6x + 17$

2. $8x + 4 = 2x + 28$

7. $40 = 5x + 5 + 2x$

3. $3x + 10 = 3x + 10$

8. $7x + 15 + 2x = 9x + 11 + 4$

4. $2(x + 7) = 14 + 2x$

9. $16 = 4(-4 + x)$

5. $6(2x + 3) = 6x + 48$

10. $-7(x + 6) = -7x + 13$