

A P.I. R² Mini-Mystery

Who Killed Mr. X?

Calculate each answer below, then use your solutions to eliminate the suspects and solve the mystery.

1. $-1 + 2x = 6x + 11$	2. $3 + 5x = 3x - 9$
3. $5 - 6x = 17 - 8x$	4. $x - 11 = 16 + 4x$
5. $-10 - 7x = -3x - 2$	6. $-13 - 4x = x + 7$
7. $x - 2 = 10 - 5x$	8. $3x - 1 = 4x - 11$
9. $-6x - 21 = -9x + 6$	10. $1 + 8x + 9 = -20 + 2x$
11. $x + 1 + 4x = 11 + 12x - 3$	12. $20 - 9x = x + 10x$
13. $-2x - 1 = -9 - x$	14. $7x - 5 = 10x - x - 15$
15. $-6x - 20 = 1 - 3x$	16. $x - 11 = 22 - 2x$
17. $9x - 4 = 8x + 8$	18. $-7 + 6x = x + 8$
19. $1 + 7x = 9 + 5x$	20. $1 - 12x = -20 - 9x$

- | |
|---------------|
| WHO? |
| Mr. Jones |
| Mr. Brown |
| Mr. Patrick |
| Ms. Manns |
| Mrs. Wright |
| Ms. Davis |
| WHAT? |
| Crowbar |
| Pistol |
| Poison |
| Knife |
| Rope |
| Vase |
| WHERE? |
| Dining Room |
| Game Room |
| Office |
| Kitchen |
| Bedroom |
| Garage |
| Cellar |
| Library |
| Hall |
| Balcony |
| Garden |

IT WAS (WHO)	WITH A (WHAT)	IN THE (WHERE)
---------------------	----------------------	-----------------------

A P.I. R² Mini-Mystery

Who Killed Mr. X?

Calculate each answer below, then use your solutions to eliminate the suspects and solve the mystery.

1. $-1 + 2x = 6x + 11$	2. $3 + 5x = 3x - 9$
3. $5 - 6x = 17 - 8x$	4. $x - 11 = 16 + 4x$
5. $-10 - 7x = -3x - 2$	6. $-13 - 4x = x + 7$
7. $x - 2 = 10 - 5x$	8. $3x - 1 = 4x - 11$
9. $-6x - 21 = -9x + 6$	10. $1 + 8x + 9 = -20 + 2x$
11. $x + 1 + 4x = 11 + 12x - 3$	12. $20 - 9x = x + 10x$
13. $-2x - 1 = -9 - x$	14. $7x - 5 = 10x - x - 15$
15. $-6x - 20 = 1 - 3x$	16. $x - 11 = 22 - 2x$
17. $9x - 4 = 8x + 8$	18. $-7 + 6x = x + 8$
19. $1 + 7x = 9 + 5x$	20. $1 - 12x = -20 - 9x$

WHO?	
Mr. Jones	10
Mr. Brown	-8
Mr. Patrick	8
Ms. Manns	-6
Mrs. Wright	-4
Ms. Davis	4
WHAT?	
Crowbar	-5
Pistol	11
Poison	5
Knife	-3
Rope	-11
Vase	9
WHERE?	
Dining Room	3
Game Room	-2
Office	12
Kitchen	6
Bedroom	1
Garage	-12
Cellar	2
Library	-7
Hall	-1
Balcony	7
Garden	-9

IT WAS (WHO)	WITH A (WHAT)	IN THE (WHERE)
---------------------	----------------------	-----------------------