



Name: _____

MUHS Clueless

Who killed Mr. Body? Where did the murder take place? What was the murder weapon?

When you find an answer, cross out the item in the related column.

SUSPECT	ROOM	MURDER WEAPON
Mr. Dybicz $(7x+4)(x-5)$	Cannon Commons $(x+9)(10x-1)$	Cafeteria Meatloaf $(2x+3)(x+7)$
Mr. Collier $(x^2-5)(x^2+1)$	Guidance Offices $(7x+4)(x-7)$	Water Bottle $(x+2)(x-7)$
Mr. Ernest $x^2(x^2+2)$	O'Rourke Auditorium $(x^2+4)(x^2+5)$	Recycle Bin $x(x+10)(4x+3)$
Ms. Kofler $(x+9)(x-2)$	Campus Ministry Center $4x^2(7x-10)(x+2)$	Protractor $(x^2+1)(x^2+5)$
Mr. Parsons $3x(2y-5)(5y-2)$	Humphery Gymnasium $(x-9)(x+2)$	3 Hole Punch $(7x-4)(x+1)$
Mrs. Kodra $x(y+7)(9y+10)$	Blue & Gold Room $(x^2+2)(x^2-3)$	Omi's Cheerleader Song $x(3x-2)(x-1)$
Mr. Pollard $(5x+9)(x-2)$	Fitness Center $x(7x+9)$	Dry Erase Marker $(x-8)(x-1)$
Mr. Roselle, SJ $(x^2-3)(x^2+4)$	Famed Room 106 $(x^2-3)(x^2-5)$	T184 Calculator $(5x^2-4)(x-1)(x+1)$
Mr. Kostos $x(3x^2+4)(x^2-2)$	Science Lab $(x-9)(x-7)$	Library Book $(7x+10)(x-6)$

Write your final answer as a sentence.

Sentence: _____

Show all work. Use final answers to eliminate choices in the chart and to solve the crime.

1. $x^2 - 5x - 14$

13. $9xy^2 + 73xy + 70x$

2. $x^2 - 7x - 18$

14. $30xy^2 - 87xy + 30x$

3. $x^2 - 16x + 63$

15. $10x^2 + 89x - 9$

4. $x^2 - 9x + 8$

16. $4x^3 + 43x^2 + 30x$

5. $7x^2 + 9x$

17. $x^4 + x^2 - 12$

6. $7x^2 - 31x - 20$

18. $x^4 + 2x^2$

7. $2x^2 + 17x + 21$

19. $x^4 - 8x^2 + 15$

8. $7x^2 - 45x - 28$

20. $x^4 + 6x^2 + 5$

9. $5x^2 - x - 18$

21. $x^4 + 9x^2 + 20$

10. $7x^2 - 32x - 60$

22. $x^4 - 4x^2 - 5$

11. $28x^4 + 16x^3 - 80x^2$

23. $3x^5 - 2x^3 - 8x$

12. $3x^3 - 5x^2 + 2x$

24. $5x^4 - 9x^2 + 4$

$$(x-9)(x+2)$$

$$(x+2)(x-7)$$

$$(x-8)(x-1)$$

$$(x-9)(x-7)$$

$$(7x+4)(x-5)$$

$$x(7x+9)$$

$$(7x+4)(x-7)$$

$$(2x+3)(x+7)$$

$$(5x+9)(x-2)$$

$$4x^2(7x-10)(x+2)$$

$$x(3x-2)(x-1)$$

$$(7x+10)(x-6)$$

$$3x(2y-5)(5y-2)$$

$$x(y+7)(9y+10)$$

$$x(x+10)(4x+3)$$

$$(x+9)(10x-1)$$

$$x^2(x^2+2)$$

$$(x^2-3)(x^2+4)$$

$$(x^2+1)(x^2+5)$$

$$(x^2-3)(x^2-5)$$

$$(x^2-5)(x^2+1)$$

$$(x^2+4)(x^2+5)$$

$$(5x^2-4)(x-1)(x+1)$$

$$x(3x^2+4)(x^2-2)$$

$$(x+7)(x-2)$$

$$(x^2+2)(x^2-3)$$

$$(7x-4)(x-1)$$