WHODUNNIT ?

WHO?

A crime has been committed …. The victim has made no errors, the criminal 2 errors and the other suspects have made 1 error …

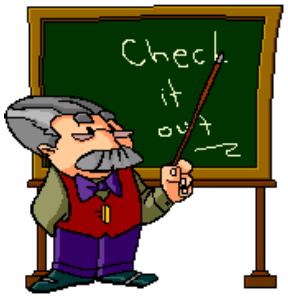
Mr A said

$3a \times a = 3a^2$

$a \times a \times a = a^3$

$b + b + b + b = 4b$

$5a + 3b - 2a = 3a + 3b$



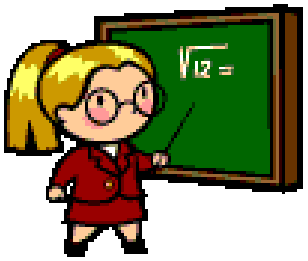
Mrs B said

$a + a = 2a$

$a \times a \times 3 = 3a^2$

$b + b + b = b^3$

$-2a - 3b - 2a - b = -4a - 4b$



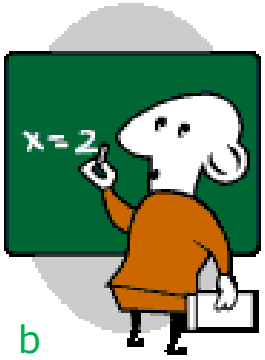
Mr X said

$3a \times b = 3ab$

$3a + a = 4a$

$b + 4b = b^5$

$5a + 3b - 5a - 2b = b$



Mrs D said

$a \times a = 2a$

$a \times 3a = 3a^2$

$b + b + b = b^3$

$6a + 3b + 2a - b = 8a + 2b$

WHERE?

The crime was committed at one of the locations below, but which one? It happened where ALL the statements are correct.

The maths classroom	$2a \times 3 = 6a$ $3b \times 2b = 6b^2$	$a \times b \times b = ab^2$ $6d \times 4d = 10d^2$
The dining hall	$3b \times 3b = 9b^2$ $3b \times 2b = 5b$	$b \times b \times b \times a = ab^3$ $6d \times 4d = 24d^2$

The gym	$3a \times 4b = 12ab$	$b \times b \times a \times a = a^2b^2$
	$3a + 4b = 3a + 4b$	$6a \times 4d^2 = 24ad^2$
The playing fields	$3a \times 7b = 21ab$	$2b \times b \times 3a = 6ab^2$
	$3a + 7b = 10ab$	$2b \times 8d^2 = 16bd^2$

WHEN?

The crime was committed on one of the days below, but which one? It happened on the day with ONE incorrect statement.

Monday	$2a + 7a = 9a$	$6d + 5d - 2d = 9d$
	$3a + 7b + 2a - 2b = 5a + 5b$	$2b - b + a - 2a = b - a$
Tuesday	$9b - 7b = 2b$	$2b + 3b - b + 2b = 6b$
	$10a - 4b - 4b - 8a = 2a - 8b$	$a + 3a - b = 4a - b$
Wednesday	$3a - 7a = -4a$	$3d + d - d = 3d$
	$-3a - 7a = -10a$	$2b + 8d^2 = 2b + 8d^2$
Thursday	$a + 2a = 3a$	$5d + d - 4d = 4d$
	$-3a + 7a = 4a$	$8a + 2a - 4a + 2b = 6a + 2b$

The Accusation	
Who	
Where	
When	