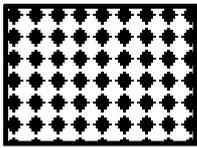Determine the area:

(6x-1)

(4x+1)
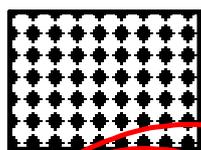
Which of the
following can be
represented
by a rectangle?

$6m^2 + 7m - 3$ $6m^2 - 5m - 3$

Determine the area:

(6x-1)

(4x+1)

$(6x-1)(4x+1)$

$24x^2 +6x - 4x -1$

$24x^2 +2x - 1$

Which of the following can be represented by a rectangle?

$6m^2 + 7m - 3$

___ X ___ = -18

___ + ___ = +7

-18
-1 x 18
-2 x 9
-3 x 6

Yes!!

$6m^2 - 5m - 3$

___ X ___ = -18

___ + ___ = -5

-18
-1 x 18
-2 x 9
-3 x 6

No!!

Which Factoring??????

Common Factoring	**Difference of Squares**	**Decomposition (Trinomials)**	**Does Not Factor !!**
$4x^9y^{16} - 16x^2y^4$	$x^2 - 9$	$2n^2 - 5n - 25$	$10x^2 - 3x + 2$
$2x^2 - 8x + 6$	$x^6 - y^{10}$		$10mn - 5mp +$
$-64x^2y^8 + 100$	$(x + 1)^2 - 4$		

)