

Monomial Factor Game



Rules

- Team 1 selects two monomials from the bottom of the Game Board (and places a paperclip on each one).
- Team 1 places one of their counters (or tiles) on the PRODUCT of those two monomials. This is now their square.
- Team 2 selects ONE of the paperclips to move to any other factor from the bottom (note: it is okay to have two paperclips on the same factor).
- Team 2 now places one of their counters (or tiles) on the product of the two factors being covered with paperclips.
- Teams continue taking turns, each time moving only 1 of the paperclips and always marking the product of the two monomials covered with paperclips with their team marker.
- The winner is the first team to have 4 spaces marked in a row (horizontally, vertically or diagonally).

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Game Board



$6x^2$	25	$5x$	$3x$	$9x^2$	$8x$
10	$20x$	8	x	20	9
$12x^2$	x^2	$4x$	$2x^2$	15	16
$4x$	12	$9x$	$10x$	$15x$	$10x^2$
5	$25x$	6	$16x$	$3x^2$	4
$8x^2$	$6x$	$2x$	$4x^2$	$12x$	1

Factor Choices

1 2 3 4 5 x $2x$ $3x$ $4x$ $5x$