$15ab^2$	$4a^2b$	$5abc$	$6a^2$	$4abc$	$10ab^2$
$6ab$	$3a^2$	$9a^2$	$3b^3$	$6a$	$2a^2b$
$15a^2$	$8a^2$	$2a^2$	ab	$2ab$	18^a
$10a^2$	$5ab$	b^3	abc	$2b^3$	$5b^3$
$12a^2$	$3ab$	$6b^3$	$4a^2$	$2abc$	$12a$
$8ab^2$	$4ab$	$4b^3$	$3abc$	$6abc$	$6ab^2$

Factorisation Game

The object of the game is to make a line of six counters, vertically, horizontally or diagonally. Players take turn in rolling the two dice and use the number as a coefficient and the algebra dice as the pronumeral. e.g. if you roll a^2 and a 4, you have made $4a^2$.

If what you have rolled is a factor of an expression on the board (but not if it is identical to the expression on the board), you may place a counter down. If not, the turn is missed. Each player takes turns until a player makes a line of six.