

# Tic Tac Toe

## *Factoring Polynomials*

Before you begin, decide who is going to be "X"s or "O"s. On your turn, choose a problem to solve. Once you have solved it and your partner has checked it, put your "X" or "O" in the box. Three in a row in any direction wins!

$29xy - 3x$	$14mn^2 + 2mn$	$3c^3d - 6c^2d^2$
$9t^2 + 36t$	$3x^3y - 9xy^2 + 36xy$	$28a^2b^2c^2 + 21a^2bc^2$
$12mx - 8m + 6rx - 4r$	$12ac + 21ad + 8bc + 14bd$	$25a^2b^2 + 30ab^3$