

Name _____

Distributive Property

Complete the table given below

Original expression	After factoring the expression
_____	$4(3a + 2b + 3a^2)$
$9a + 27ac^2 + 18ab$	_____
_____	$3a(2p + 3r + 6)$
_____	$2a(a + 3b + 2ac)$
$8xy + 24xp + 40xq$	_____
_____	$2(3ab + 4bc - 5ac)$
_____	$3x(2pq + 3x + 6p)$
_____	$6(2xy^2 + 3xy + 4z)$
$3ab - 6ab + 12ac$	_____
$8xy - 12px - 20axy$	_____
_____	$5a(5b - 3a + 1)$
$3x^2 - 12xy + 21$	_____
$2xyz - 3x^2y + 5y^2z$	_____
_____	$2AB\left(A + B - \frac{1}{2}\right)$
_____	$-4xyz\left(xy - \frac{1}{8} + 3xz\right)$