

$\left(\begin{array}{cc} \pm a & \pm b \end{array} \right) \left(\begin{array}{cc} \pm c & \pm d \end{array} \right) =$	$\pm ac$	$\pm ad$	$\pm bc$	$\pm bd$	$=$	Zusammenfassung
$\left(\begin{array}{cc} 2x & + 3y \end{array} \right) \left(\begin{array}{cc} x & - 4y \end{array} \right) =$	$2x^2$	$- 8xy$	$+ 3xy$	$- 12y^2$	$=$	$2x^2 - 5xy - 12y^2$
$\left(\begin{array}{cc} 5a & + 2 \end{array} \right) \left(\begin{array}{cc} -4 & + a \end{array} \right) =$	$-20a$	$+ 5a^2$	$- 8$	$+ 2a$	$=$	$5a^2 - 18a - 8$
$\left(\begin{array}{cc} x & + 7 \end{array} \right) \left(\begin{array}{cc} 6 & - x \end{array} \right) =$	$6x$	$- x^2$	$+ 42$	$- 7x$	$=$	$-x^2 + -x + 42$
$\left(\begin{array}{cc} -1 & + 2a \end{array} \right) \left(\begin{array}{cc} a & + 5 \end{array} \right) =$	$-a$	$- 5$	$+ 2a^2$	$+ 10a$	$=$	$2a^2 + 9a - 5$
$\left(\begin{array}{cc} 10 & - x \end{array} \right) \left(\begin{array}{cc} 2x & - 5 \end{array} \right) =$	$20x$	$- 50$	$- 2x^2$	$+ 5x$	$=$	$-2x^2 + 25x - 50$
$\left(\begin{array}{cc} x & - 2 \end{array} \right) \left(\begin{array}{cc} -4x & + 11 \end{array} \right) =$	$-4x^2$	$+ 11x$	$+ 8x$	$- 22$	$=$	$-4x^2 + 19x - 22$
$\left(\begin{array}{cc} 5u & + 9 \end{array} \right) \left(\begin{array}{cc} 2v & + 0,5 \end{array} \right) =$	$10uv$	$+ 2,5u$	$+ 18v$	$+ 4,5$	$=$	
$\left(\begin{array}{cc} 0,1x & - 8 \end{array} \right) \left(\begin{array}{cc} -5x & + 3 \end{array} \right) =$	$-0,5x^2$	$+ 0,3x$	$+ 40x$	$- 24$	$=$	$-0,5x + 40,3x - 24$
$\left(\begin{array}{cc} 6x & - 3 \end{array} \right) \left(\begin{array}{cc} 8x & - 7 \end{array} \right) =$	$48x^2$	$- 42x$	$- 24x$	$+ 21$	$=$	$48x^2 - 66x + 21$
$\left(\begin{array}{cc} z & + 3y \end{array} \right) \left(\begin{array}{cc} -y & - z \end{array} \right) =$	$-zy$	$+ z^2$	$- 3y^2$	$- 3yz$	$=$	$z^2 - 4yz - 3y^2$
$\left(\begin{array}{cc} 2m & + 1 \end{array} \right) \left(\begin{array}{cc} 2n & - 1 \end{array} \right) =$	$4mn$	$- 2m$	$+ 2n$	$- 1$	$=$	

Das war gar nicht schwierig!



Hier geht es zurück zum [Aufgabenblatt](#)