

Complete a tabela de produtos de monômios por polinômios: (propriedade distributiva, “o chuveirinho”)

$2 \cdot (x + 1) =$	$2 \cdot x + 2 \cdot 1$	$2x + 2$
$x \cdot (x + 1)$	$x \cdot x + x \cdot \underline{\hspace{1cm}}$	$x^2 + x$
$2x \cdot (x + 1)$	$2x \cdot \underline{\hspace{1cm}} + \underline{\hspace{1cm}} \cdot 1$	$2\underline{\hspace{1cm}} + 2x$
$x^2 \cdot (x + 1)$	$x^2 \cdot x + \underline{\hspace{1cm}} \cdot \underline{\hspace{1cm}}$	$x^3 + \underline{\hspace{1cm}}$
$xy \cdot (x + 1)$	$xy \cdot \underline{\hspace{1cm}} + \underline{\hspace{1cm}} \cdot \underline{\hspace{1cm}}$	
$xy \cdot (x + y)$	$xy \cdot x + xy \cdot y$	$\underline{\hspace{1cm}} + xy^2$
$2abx \cdot (3a + b)$	$2abx \cdot \underline{\hspace{1cm}} + \underline{\hspace{1cm}} \cdot \underline{\hspace{1cm}}$	$\underline{\hspace{1cm}} + \underline{\hspace{1cm}}$
$3a^2x \cdot (a - b + x)$		

7. Complete a tabela de produtos de polinômios por polinômios: (propriedade distributiva, “o chuveirinho”)

$(x + 1) \cdot (x + 2)$	$x \cdot x + x \cdot 2 + 1 \cdot x + 1 \cdot 2$	$x^2 + 2x + 1x + 2$	$x^2 + 3x + 2$
$(x + 1) \cdot (x - 2)$	$x \cdot x + x \cdot (-2) + 1 \cdot x + 1 \cdot (-2)$	$x^2 - \underline{\hspace{1cm}}x + x - \underline{\hspace{1cm}}$	$x^2 - x - 2$
$(a - 2) \cdot (a - 7)$	$a \cdot \underline{\hspace{1cm}} + a \cdot \underline{\hspace{1cm}} - 2 \cdot \underline{\hspace{1cm}} - 2 \cdot \underline{\hspace{1cm}}$	$a^2 - 7a - 2a + 14$	$a^2 - \underline{\hspace{1cm}} + 14$
$(2x - 5) \cdot (3x - 2)$	$\underline{\hspace{1cm}} \cdot 3x + 2x \cdot \underline{\hspace{1cm}} - 5 \cdot \underline{\hspace{1cm}} - \underline{\hspace{1cm}} \cdot (-2)$	$\underline{\hspace{1cm}}x^2 - \underline{\hspace{1cm}} - \underline{\hspace{1cm}} + 10$	$6x^2 - 19x + \underline{\hspace{1cm}}$
$(2x + y) \cdot (x - y)$		$2x^3 - 2xy + xy - y^2$	
$(a + b) \cdot (a + b)$		$a^2 + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + b^2$	$a^2 + 2ab + \underline{\hspace{1cm}}$
$(a - b) \cdot (a - b)$		$a^2 - ab - ab + b^2$	$\underline{\hspace{1cm}} - \underline{\hspace{1cm}} + b^2$
$(a + b) \cdot (a - b)$			

