

Fill in the Blanks

Factorising with Common Factors

Expanded Expression	HCF of Numbers	HCF of Variables	Factorised Expression
$7x + 14$	7		$7(x + 2)$
$20 + 30a$	10		$10(\square + \square)$
$15b - 5$	5		
$12x + 15$			
$30a - 12b$			
$8cd + de$		d	$d(\square + \square)$
$10a + ab$			
$x^2 - 5x$		x	
$6x^2 + xy$			
$4ab + 8b$	4	b	$4b(\square + \square)$
$10cd - 25de$	5	d	
$4x^2 + 2x$			
$14xy - 21x^2$			
$6x + 3 - 9y$			
$5x^2 - 10xy + 20x$			
$24a^2b + 16abc$			
$\square - 18xyz$			$\square (x - 3z)$
$12x + \square - 16yz$			$4(\square + 2y - \square)$
$35a^2b^2 + \square$			$\square (5a^2b + 2cd)$