

CORRECCIÓN QUIZ 1



a.

$$\begin{array}{r} 14z^3 + 12z^2 + 17z + 11 \\ + 24z^3 + 46z^2 + 8z + 12 \\ \hline 38z^3 + 58z^2 + 25z + 23 \end{array}$$

b.

$$\begin{array}{r} + \\ 4x^4y^3 + 3x^3y - 5xy^2 \\ 3x^4y^3 - 9x^3y + 10xy^2 \\ -x^4y^3 + 11x^3y - 8xy^2 \\ \hline 6x^4y^3 + 5x^3y - 3xy^2 \end{array}$$

C.

$$\begin{array}{r} 8c^3 - 18c^2 - 3c - 14 \\ + \quad c^3 - 4c^2 + 18c + 37 \\ \hline 9c^3 - 22c^2 + 15c + 23 \end{array}$$

d.

$$\begin{array}{r} 5a - 2b^2 + 3c \\ + \quad 3a - 18b^2 + c \\ \hline a + 23b^2 + 12c \\ \hline 9a + 3b^2 + 16c \end{array}$$

a. $(2,8x^2y + 4xy^2 - 5xy) + (-1,5x^2y - 3,5xy^2 + 4,2xy)$

$2,8 x^2 y$	$+4,0 xy^2$	$-5,0 xy$
$-1,5 x^2 y$	$-3,5 xy^2$	$+4,2 xy$
$1,3 x^2 y$	$+0,5 xy^2$	$-0,8 xy$

b.

$$(6a^2 - 8a + 12) + (5a^2 - 6a + 9)$$

$$6 a^2$$

$$-8 a$$

$$+12$$

$$5 a^2$$

$$-6 a$$

$$+9$$

$$11 a^2$$

$$-14 a$$

$$+21$$

C. $3a^2 + 25a - 1$; $19a^2 - 33a^3$

	$3 a^2$	$+25 a$	-1
$-33 a^3$	$19 a^2$		
$-33 a^3$	$22 a^2$	$+25 a$	-1

d. $4mn^2 + m^2 - 7$; $-mn + 5mn^2 + 7$; $3mn - 12m^2 - n$; $10m^2n^2 - 10m^2n^2 + 27mn$

m^2		$+4mn^2$			-7
		$+5mn^2$	$-mn$		$+7$
$-12m^2$	$10m^2n^2$		$+3mn$	$-n$	
	$-10m^2n^2$		$+27mn$		
$-11m^2$		$+9mn^2$	$+29mn$	$-n$	