

# Primer Medio Módulo 7

$$1.- m + 2m$$

$$\downarrow$$

$$1m + 2m = 3m$$

$$2.- a + 2a + 9a$$

$$3a + 9a$$

$$12a$$

$$3.- 1m^2 - 2m^2 - 7m^2$$

$$-1m^2 - 7m^2$$

$$-8m^2$$

$$4.- 6x^2y^2 - 12x^2y^2 + x^2y^2$$

$$-6x^2y^2 + 1x^2y^2$$

$$= -5x^2y^2$$

$$5.- \begin{matrix} m & m \\ 3a & -2b & -5b & +9a \\ m & & & m \end{matrix}$$

$$3a + 9a - 2b - 5b$$

$$12a - 7b$$

$$6.- \begin{matrix} m & m \\ a^2 & + b^2 & - 2b^2 & - 3a^2 & - a^2 & + b^2 \\ m & & & m & & m \end{matrix}$$

$$a^2 - 3a^2 - a^2 + b^2 - 2b^2 + b^2$$

$$-3a^2 + 0 = -3a^2$$

$$7.- \underbrace{x^2yz} + \underbrace{3xy^2z} - \underbrace{2xyz^2} - \underbrace{3xy^2z} + \underbrace{xyz^2} - \underbrace{x^2yz}$$

$$\cancel{x^2yz} - \cancel{x^2yz} + \cancel{3xy^2z} - \cancel{3xy^2z} - 2xyz^2 + xyz^2$$

$$0 + 0$$

$$-xyz^2 = -xyz^2$$

$$8.- \underbrace{2pq} + \underbrace{3p} - \underbrace{12q} - \underbrace{15q} + \underbrace{7pq} - \underbrace{13p}$$

$$9pq - 10p - 27q$$

$$9.- \begin{matrix} m & m \\ 2x & - 6y & - 2x & - 3y & - 5y \\ m & & m & & m \end{matrix}$$

$$-14y$$

$$10.- \underbrace{15a} + \underbrace{13a} - \underbrace{12b} - \underbrace{11a} - \underbrace{4b} - \underbrace{b}$$

$$17a - 17b$$