



Tema: Regla de Cramer Sistema de Ecuaciones 3x3

Aporte: _____

Nombre: _____

Fecha: _____

Resolver los siguientes sistemas mediante la Regla de Cramer

28.
$$\begin{cases} a + b + c = 0 \\ 2a + 3b + 2c = -3 \\ -a + 2b - 3c = -1 \end{cases}$$

D=	Solución	
D _a =	$a = \frac{D_a}{D}$	a =
D _b =	$b = \frac{D_b}{D}$	b =
D _c =	$c = \frac{D_c}{D}$	c =

29.
$$\begin{cases} x - 2y + 3z = -7 \\ 2x - y - z = 7 \\ -x + 3y + 2z = -8 \end{cases}$$

D=	Solución	
D _x =	$x = \frac{D_x}{D}$	x =
D _y =	$y = \frac{D_y}{D}$	y =
D _z =	$z = \frac{D_z}{D}$	z =

30.
$$\begin{cases} 3p - 5m = 10 \\ 5m - 3n = -7 \\ 3n - 5p = -13 \end{cases}$$

D=	Solución	
D _m =	$m = \frac{D_m}{D}$	m =
D _n =	$n = \frac{D_n}{D}$	n =
D _p =	$p = \frac{D_p}{D}$	p =

31.
$$\begin{cases} 18m + 5n = -11 \\ 12m + 11n = 31 \end{cases}$$

D=	Solución	
D _m =	$m = \frac{D_m}{D}$	m =
D _n =	$n = \frac{D_n}{D}$	n =



33.
$$\begin{cases} x - 9y = 7 \\ 2x + 8y = 26 \end{cases}$$

D=	Solución	
D _x =	$x = \frac{D_x}{D}$	$x =$
D _y =	$y = \frac{D_y}{D}$	$y =$

