Sistemas de Ecuaciones

a) $\begin{cases} 3\cdot(x-2y+1)=-3y \\ x+5y=2x+3y+3 \end{cases}$ X= Y=

b) $\begin{cases} 4x-y=3\cdot(x-3+y) \\ 3x+5y=-3x+2y \end{cases}$ X= Y=

c) $\begin{cases} 3(x-y)=2x+1 \\ 4x-15y=-2x \end{cases}$ X= Y=

d) $\begin{cases} x+3y=x-6 \\ x-1=2y+2x \end{cases}$ X= Y=

e) $\begin{cases} 4x+y=3(4+x) \\ 2\cdot(2x-7)=y+3x \end{cases}$ X= Y=

f) $\begin{cases} \frac{x}{3}=\frac{y}{4} \\ 2x+3y=9 \end{cases}$ X= Y=

g) $\begin{cases} \frac{x}{2}+\frac{y}{3}=3 \\ 5x+2y=4x+10 \end{cases}$ X= Y=

h) $\begin{cases} \frac{x+2y}{3}=3 \\ 2x+5y-8=4(y+1) \end{cases}$ X= Y=

i) $\begin{cases} \frac{x}{2}-\frac{x+y}{6}=\frac{11}{6} \\ \frac{2x-3y}{5}-\frac{1}{10}=\frac{33}{10} \end{cases}$ X= Y=

j) $\begin{cases} 2x+4y=7 \\ \frac{x}{3}-\frac{2x-5y}{6}=\frac{5}{4} \end{cases}$ X= Y=

k) $\begin{cases} \frac{x}{2}-\frac{x+3y}{3}=\frac{3}{2} \\ \frac{2x+y}{6}-\frac{x}{4}=\frac{1}{12} \end{cases}$ X= Y=

l) $\begin{cases} 2x-\frac{3x-y}{5}=\frac{22}{5} \\ \frac{y}{3}+\frac{4x-3y}{4}=\frac{31}{12} \end{cases}$ X= Y=

m) $\begin{cases} \frac{x}{2}-\frac{x-y}{3}=\frac{1}{6} \\ \frac{1}{4}+y-\frac{2x-5y}{6}=\frac{19}{12} \end{cases}$ X= Y=

n) $\begin{cases} 2x+y=5 \\ \frac{x}{2}-\frac{4x-y}{6}=\frac{1}{3} \end{cases}$ X= Y=

ñ) $\begin{cases} \frac{3x+y}{6}+\frac{x+2}{3}=4 \\ 2-3\cdot(x+y)=0 \end{cases}$ X= Y=

o) $\begin{cases} \frac{x+4}{5}-y=-1 \\ \frac{x-6}{5}+y=-1 \end{cases}$ X= Y=