Solving one no infinite by graphing

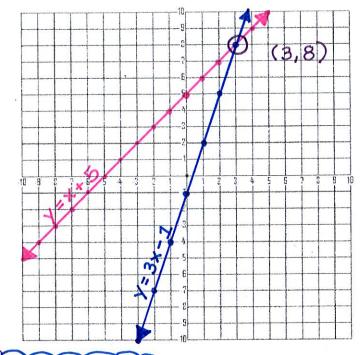
Write the system of linear equations represented in the equation

$$3x - 1 = x + 5$$

$$\begin{cases} y = 3x - 1 \\ y = x + 5 \end{cases}$$

Graph the lines.

$$3x-1=x+5$$
 $-x$
 $-x$
 $2x-1=5$
 $+1$
 $+1$
 $2x=6$
 2
 $x=3$



y=3+5 y=8 (Point of Intersection ((3,8)