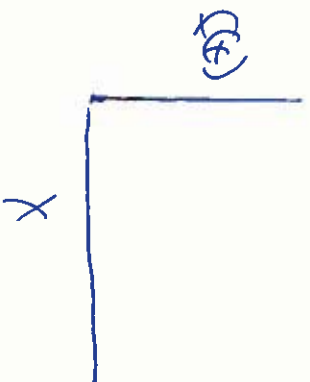I can use a function table to solve a problem.

X Got it! ___ Almost there, but I have questions. ___ What the heck is this?

1. At a local software company, Level 1 employees x earn $48,000, and level 2 employees y earn $24,000. Find four solutions of $48,000x + 24,000y = 216,000$ to determine how many employees at each level the company can hire for $216,000.

$24,000y = 21600 - 48,000x$

$$y = \frac{216,000 - 48,000x}{24,000}$$

$216,000 / 24 = 9$

$24 \overline{)216}$

$y = \frac{216,000 - 192,000}{24,000}$ $x = 4$

f(x) |

x	y	total
		21600
4	1	
3	3	
2	5	
-	7	

f(x)

X