8. Use a system of equations to solve the following problem. To receive full credit you must define two variables, write two equations relating those variables, and interpret your solution in context of the problem in a complete sentence.

A movie theater sold 578 tickets last night and generated $5508 in revenue. An Adult ticket costs $10 while a Senior/Child ticket costs $8 Find the number of Adult tickets and Senior/Child tickets sold.

$10x + 8y = 5508$

-8

9. Write the last ordered pair in the set given below so that the resulting set is NOT a function.

$$\{(-3,7),(-1,0),(2,-14),(7,-1),(\underline{\quad},\underline{\quad})\}$$

-3