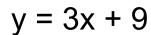
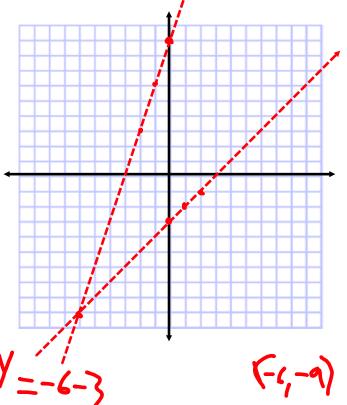
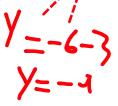
Solve the following system by graphing AND substitution



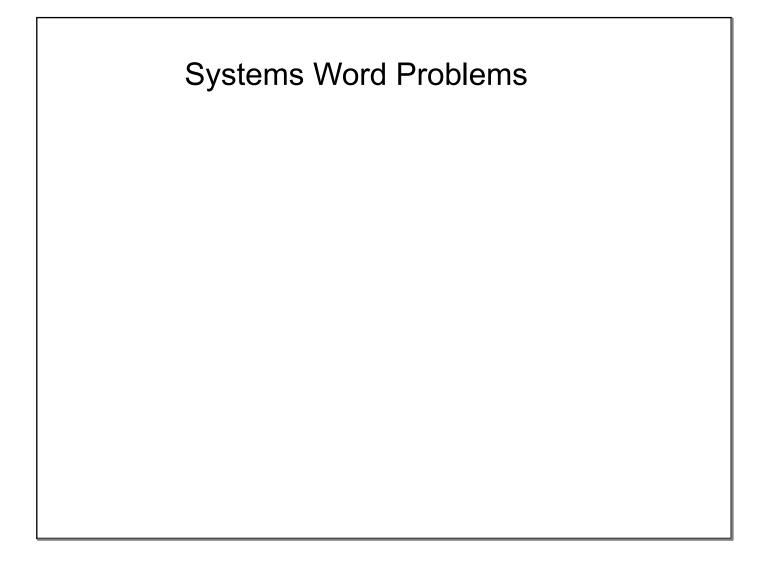
$$y = x - 3$$







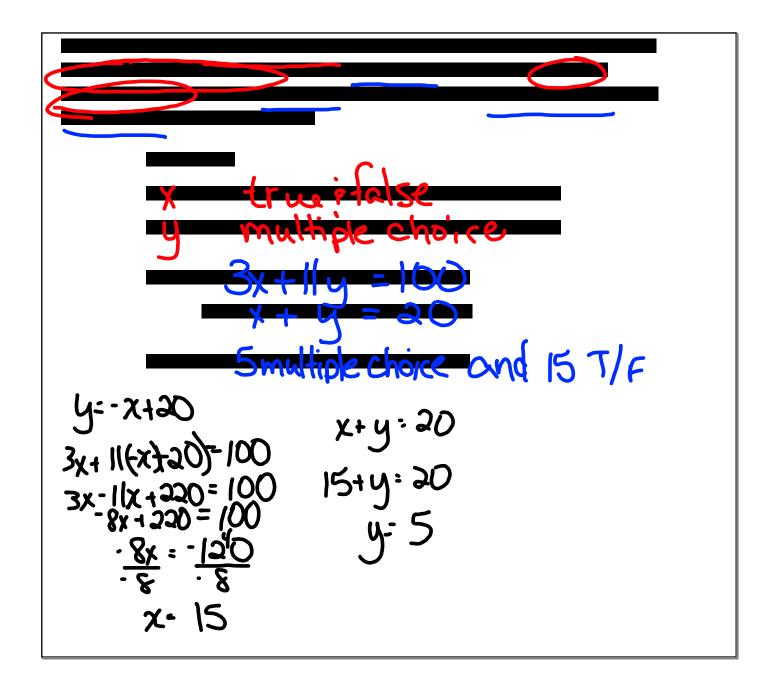
11. (2, 6) **12.** (8, 11) **13.**
$$\left(-\frac{5}{7}, 2\frac{2}{7}\right)$$
 14. (13, -5) **15.** (3, 0) **16.** $\left(7\frac{3}{4}, -\frac{1}{8}\right)$ **17.** (-11, -19) **18.** (4, 6)



Find the value of two numbers if their sum is 12 and their difference is 4.

System:
$$x + y = 12$$

 $x - y = 4$
Answer: $(8, 4)$ $x = 8$
 $y + 4 + y = 12$
 $2y + 4 = 12$
 $2y = 8$
 $y = 4$



A bicycle shop sells bicycles and tricycles. There are forty five total bicycles and tricycles at the store. The total number of wheels on all of them is 105. How many bicycles are there?

