Linear - Quiz 1

Name:	

1. (4 points) Determine if the system is consistent. You do not need to completely solve the system, but you should explain your reasoning (briefly) for why the system is consistent or not.

- 2. (6 points) Choose x and y such that the system has
 - (a) No solution
 - (b) A unique solution
 - (c) Infinitely many solutions

$$\left[\begin{array}{cc|c} 1 & x & 3 \\ 2 & 10 & y \end{array}\right]$$

Explain your reasoning.