When adding the first two equations to eliminate *z*, you forgot to add the term *y.* This gave you $2x = 10$. You then used the value $x = 5$ to find the values of *y* and *z* in the second and third equations. However, the values of *x*, *y*, and *z* must make each of the equations in the system true to be a solution. These values do not make the first equation true.