Mark is selling hotdogs and sausages at the Durham Fair. He only has 40 buns, so he can sell no more than 40 hotdogs and sausages. Each hot dog sells for $\$ 2$ and each sausage sells for $\$ 2.50$. Mark needs at least $\$ 90$ in sales to meet his goal. Write and graph a system of inequalities that models the situation.

