2. (a) With a constant yearly harvest of 30, the stable equilibrium population is approximately 610, and the minimum viable population is approximately 225.

(b) With a yearly harvest of 3% of the population, the stable equilibrium population is approximately 670, and the eventual yearly harvest is approximately 20.

(c) The maximum constant sustainable harvest is approximately 42 which occurs at the equilibrium population size of approximately 430.

(d) \( \frac{42}{430} \approx 0.098 \) or approximately 9.8%

(e) 0.17 or approximately 17%