



Calculation of key values:

(1) $EV = 0.1 * (0) + 0.9 * (1000) = 900$

(2) $EU = 0.1 * (0)^{0.5} + 0.9 * (1000)^{0.5} = 28.46$

(3) $1 * (CE)^{0.5} = 28.46 \Rightarrow CE = 810$