The demand function for a good is *QD* = 30 − *P*, and the supply function is *Qs* = 4*P*.

1. Find the equilibrium price and quantity for the good.
2. Due to a natural disaster, the supply of the good decreased by half. What are the new equilibrium price and quantity?
3. When there is no natural disaster, the demand for the good is increased to *QD* = 30 – 0.8*P*. What are the new equilibrium price and quantity?