Monopolist maximize his profit when MR = MC

$$MR = TR'$$
 $TR = P * Q = (1200 - Q) * Q = 1200Q - Q^2$
 $MR = 1200 - 2Q$

If Mountain spring water can be produced at no cost then $M\mathcal{C}=0$

$$1200 - 2Q = 0$$

$$Q = 600$$

$$P = 1200 - 600 = 600$$

Answer: Q=600; P=600