

27. Correct. The answer is true. It does not matter what units are in your equations provided you use the same units when you apply the equations. I use the units $P = 25$, $Q = 1$, $E_d = -0.5$ and $E_s = 0.6$. Since $E_d = b(P/Q)$, $b = E_d * Q/P = -0.5 * 1/25 = -0.02$. $a = Q - bP = 1 - (-0.02)25 = 1.5 \Rightarrow Q_d = 1.5 - 0.02P$. Since $E_s = d(P/Q)$, $d = E_s * Q/P = 0.6 * 1/25 = 0.024$. $c = Q - dP = 1 - (0.024)25 = 0.4 \Rightarrow Q_s = 0.4 + 0.024P$.