

11. Correct The answer is false. For a linear demand curve marginal revenue is twice as steep as the inverse demand curve. The inverse demand is $P = 70 - 5Q$ with $MR = 70 - 10Q$. This can be shown quite easily. Let the inverse demand curve be $P = a - bQ$. Then $TR = (a - bQ)Q = aQ - bQ^2$ and $\partial TR/\partial Q = a - 2bQ$.