

34. Incorrect. The answer is true not false. $Q_{total} = Q_{p1} + Q_{p2} = (20 - MB_1) + (40 - 4MB_2)$

$Q_{total} = 60 - 5MB$. EPA sets $Q_{total} = 50 = 60 - 5MB$. So $MB = 2$

$Q_{p1} = 20 - 2 = 18$ and $Q_{p2} = 40 - 4(2) = 32$. $Q_{total} = 50 > 45$ from the initial situation.