

f) If the particle is at $x = 0\text{m}$ at $t = 0\text{s}$, at what time or times is the particle found at $x = 35\text{m}$?

At $x = 4\text{s}$ & at $x = 8\text{s}$

g) Draw the acceleration vs. time graph (with the actual values) below the velocity vs. time graph and the position vs. time graph (qualitative but correct sketch) above the velocity vs. time graph. Assume, once again that the initial position is $x_1 = 0\text{m}$.

