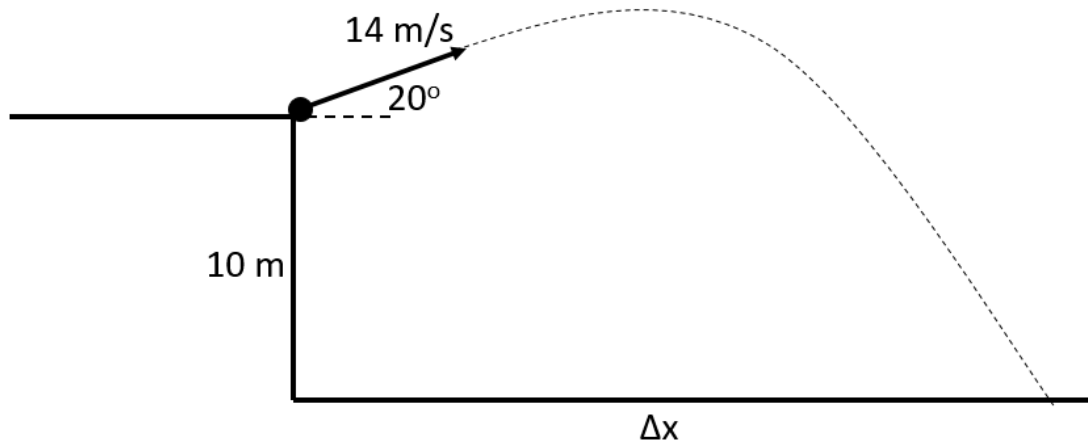Calculate Δx in the diagram below. Submit your answer in meters and round to the nearest tenth.   Answer: 26.3

A particle starts from the origin at t=0 with a velocity of (6, 0) m/s and moves in the xy plane with a constant acceleration of (-2, 4) m/s². At the instant the particle achieves its maximum positive x coordinate, how far is it from the origin? Submit your answer in meters and round to the nearest tenth.

Answer: 20.1