Mini-math Div 3/4: Monday, November 2, 2020 (10 minutes)

(1) A kite is flying horizontally with a speed of 15 km/h at an altitude of 30 m above a person. Find the rate at which the string is spooling out when the kite is 200 m horizontally away from the person, in m/s (you do *not* need to simplify).