for a body travelling with a uniform acceleration, its final velocity is v=v(180-7x), where x is the distance travelled by the body then acceleration is

$$v = \sqrt{180 - 7x}$$

$$a = \frac{dv}{dt} = \frac{\frac{dv}{dx}}{\frac{dt}{dx}} = \frac{dx}{dt}\frac{dv}{dx} = v\frac{dv}{dx} = \left(\sqrt{(180 - 7x)}\right) * \left(-7\frac{1}{2\sqrt{180 - 7x}}\right) = -3.5$$