

7. Period of a pendulum; T=2-17/9 Quadrupling 1 yields: Thew=2TT \[\frac{41}{9} = 2[2TT] \frac{1}{9}] = 2T. [E] During ascent:

Position: +, chalk is above initial height

Velocity: +, chalk is moving up

Acceleration: -, gravity pulls on the chalk