



Time

Clock Displacement

t1 1\*dx

t2 2\*dx

t3 3\*dx

...

Time Ave. velocity

$$dt1 = t2 - t1 \quad dx/dt1$$

$$dt2 = t3 - t2 \quad dx/dt2$$

$$dt3 = t4 - t3 \quad dx/dt3$$

Each mark corresponds to the same distance interval, and the time is varying.