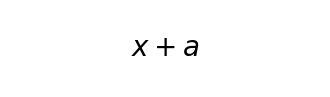
Generated Question Paper

The acceleration ‘a’ in m/s² of a particle is given by



x+a



^n=∑\_{k=0}^{n} {

n¦k

x^k a^{n-k}} where t is the time. If the particle starts out with a velocity u = 2m/s at t = 0, then the velocity at the end of 2 seconds is.