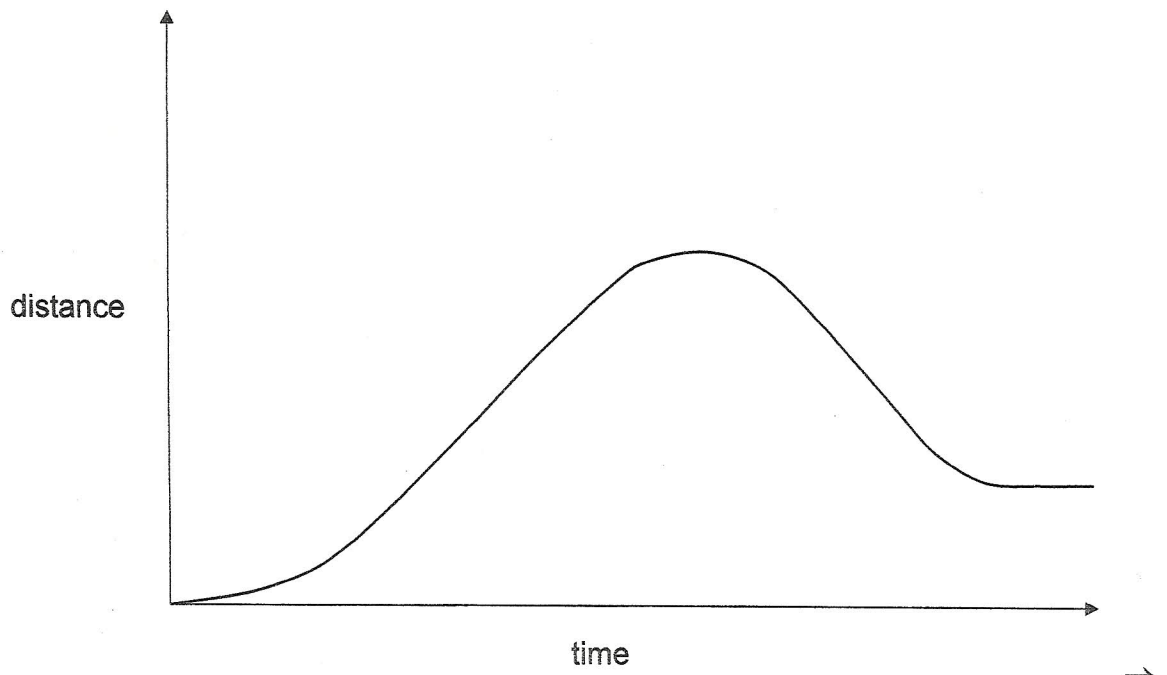


It is important to understand the relationship between a position graph, velocity and acceleration:



Motion along a line

A particle is moving along the x-axis with position function $x(t) = 2t^3 - 14t^2 + 22t - 5$ $t \geq 0$

Find the velocity and acceleration and describe the motion of the particle.

