

Problem of the Day (October 11, 2017)

A particle moves on a line in such a way that its position at any time $t \geq 0$ (minutes) is given by $s(t) = t^2 - 10t + 3$ (miles).

1. Find the time intervals on which the particle is moving to the right or moving to the left?
2. Find the time intervals on which the particle is speeding up or slowing down?

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