Math 141 - Calculus
Section 3.4 Video Worksheet

Jerk –

Section 3.4 Video Worksheet	Derivative as a Rate of Change
Average rate of change	
Velocity – (instantaneous velocity)	
Average velocity =	
Velocity –	
Speed –	

Ex. 
$$s = \frac{t^4}{4} - t^3 + t^2$$
  $0 \le t \le 3$ 

Try It: 
$$s = -t^3 + 3t^2 - 3t$$
  $0 \le t \le 3$ 

$$0 \le t \le 3$$