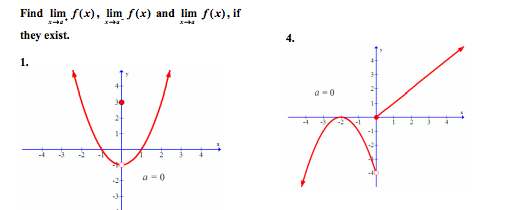
**9.0(a) Cumulative Review for Chapters 1 – 3**

**Evaluating Limits**

Find , , and , if they exist.

1. b)



Find the derivative of the following functions directly from the definition of a derivative

1. b)

The position of a particle is described by the function .

1. When is the particle at rest?

1. What is the velocity after 2 seconds?

1. What is the acceleration after 3 seconds?
2. When is the velocity positive and when is it negative?
3. What is the total distance traveled during the first 5 seconds?