



(b) When is the particle moving left? When is it moving right?

(c) Find the total distance traveled by the particle.

(d) When is the particle accelerating? When is it decelerating?

## Review

3. Find  $y'$  if  $y = \frac{3 - \sec x}{x + \ln x}$ .

4. Find  $\frac{d}{dz} z^3 \tan(z) + \sin(z)$ .