Present neatly on separate paper. Justify for full credit. No Calculators.

Name \_\_\_\_\_ Score \_\_\_\_ 10 minutes 1.

A position function of a particle moving along a coordinate line is given. Analyze the motion of the particle for  $t \ge 0$ , and give a schematic picture of the motion. Your analysis should include all the details with justifications.

 $s(t) = t + \frac{25}{t+2}$