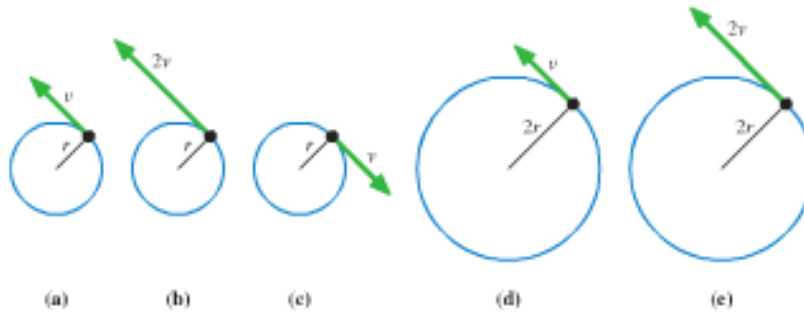


Circular motion examples: kinematics

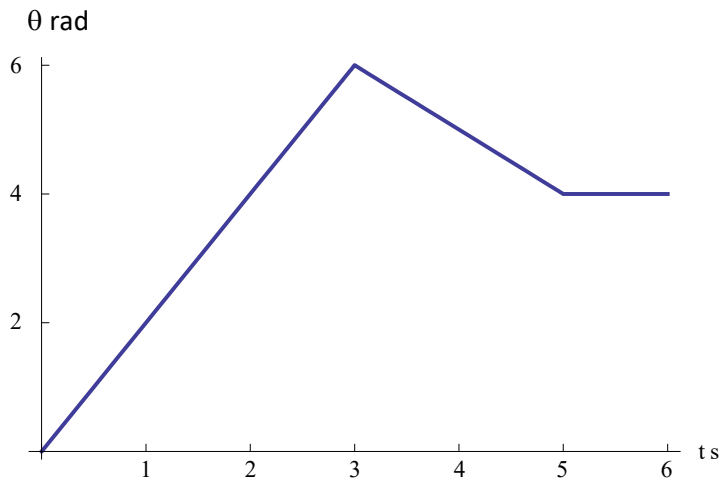
Example 1

Rank in order, from largest to smallest, the centripetal accelerations a_a to a_e of particles a to e.



Example 2

Consider the following graph of $\theta(t)$ of some particle rotating about a fixed point (e.g a dot on the rim of a stationary bicycle wheel):



- Describe the motion.
- Graph $\omega(t)$