

## CHAPTER 10

1. A disk rotates at 1200 rpm when power to its motor shuts off. The disk has a constant angular deceleration and rotates at 400 rpm after 37 seconds.
  - a. What is the angular acceleration (use radians) of the disk?
  - b. What angle (use radians) does the disk rotate through while decelerating?
  - c. How many revolutions does the disk make during the 37 seconds?