

8-7)

A string is wrapped about the outside edge of a circular disc of radius 8 cm and mass 180 grams. The top end of the string is fixed and the disc is released from rest (think of a yoyo). After the disc has descended 75 cm, what is

- a) the angular speed of the disc about its center?
- b) the speed of its center (*i.e.*, the translational speed)?

