

### **Ch 26 HW Quiz #1B**

The normal near point for a person is 25 cm, and the normal far point is infinity. A patient has myopia, and the near point is measured to be 22 cm while the far point is measured to be 41 cm. Assume you will prescribing glasses that rest 2.0 cm away from the patient's eye.

- a) What is the focal length of the lenses needed to give the patient a normal far point?
- b) What is the new near point the patient experiences with these lenses?