

Quiz 7
Physics 221

Name: _____

1. Explain what the various features that limit visual acuity in humans and how they limit it.
2. Explain why diffraction occurs.
3. If a person measures the diffraction from a hair and finds the following, calculate the thickness of their hair. Distance from the hair to the wall 2.72 meters and the distance from the center of the beam to the first dark spot was 2.75 cm. The laser emitted a wavelength of 632 nm.