1) A certain kind of glass has an index of refraction of 1.650 for blue light of wavelength 430 nm. If a beam is incident at an angle of 20.00° on a piece of this glass, what is the angle of refraction for this beam of light?

2) Draw 3 rays for this object located in front of a concave mirror. Is the image upright or inverted, real or virtual?

Circle one of each:

Upright or inverted? Real or virtual?