3. . When the orange light passes from air (n = 1) into glass (n = 1.5), what is its new wavelength? (A) 4 x 10-7 m (B) 4 x 10-6 m (C) 2.5 x 10-7 m (D) 6 x 10-7 m (E) 9 x 10-7 m