4. . What is the magnetic force experienced by a negatively charged particle of 1.0 C that is moving upward at a velocity of 2.0 x 103 m/s in a magnetic field of strength 4.0 x 10-4 T, directed into the page?  (A) 0.8 N to the left (B) 0.8 N to the right (C) 2.0 10-7 N to the left (D) 2.0 10-7 N to the right (E) 5.0 106 N to the left