P #F

Ch 19

$F_B = 6.2 \times 10^{-12}\ N$

$v = 6.0 \times 10^{7}\ m/s$

$q = 1.6 \times 10^{-19}\ C$

$F_B = q \cdot v \cdot B$

$(6.2 \times 10^{-12}\ N) = (1.6 \times 10^{-19}\ C)(6.0 \times 10^{7}\ m/s) \cdot B$

$B = .65\ T$