

Chapter 13, problems 36, 38abc, 39, 40

Answers:

36. (a)  $1.92 \times 10^5$  N/C to the right

38. (b)  $\langle 32.4, 91.8, 0 \rangle$  N (c)  $\langle 4.73 \times 10^7, -0.51 \times 10^7, 0 \rangle$  N/C

39.  $\langle -7484, 1842, 0 \rangle$  N/C

40. 4.54 N/C (direction?)