

Review Questions

27-17 (direction of F, B, v)

27-28 (helical path)

27-44 (measuring q/m)

27-69 (moving rail type)

28-7 (vectors, magnetic field of wire)

28-28 (field inside coils, ampere's law) Now try doing 30-13!

28-37(a) (Biot-Savart)

29-2, 4, 25(a) (Faraday's law)

29-33 (motional EMF)

30-3 (Mutual Inductance)

30-6 (Self Inductance)

30-13 (see above)

30-29 (LR circuits)

30-53, 62 (LRC circuits)

31: Questions 1, 7, 13 (Maxwell's Eq and E&M waves)