

# Physics 1214 - General Physics II

Quiz #10 - 2013.02.13

## Solutions

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1. When performing magnetic field calculations, what is the difference between a source point and a field point?

The source point is the source of the magnetic field, and the field point is where the strength of the magnetic field is measured.

2. Describe the magnetic field produced by a long, straight conductor carrying a steady current.

The magnetic fields generated are circles centered on the conductor, lying in planes perpendicular to the length of the conductor.