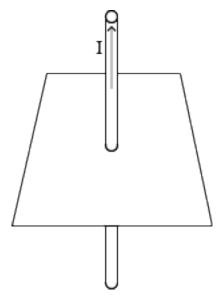
Electromagnetism Worksheet

1. A wire carrying a large constant electric current passes through the center of a perpendicular cardboard as shown.



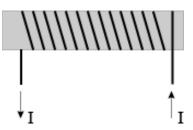
Draw the magnetic field surrounding the wire.

2. The current in a loop of wire is flowing clockwise as shown.



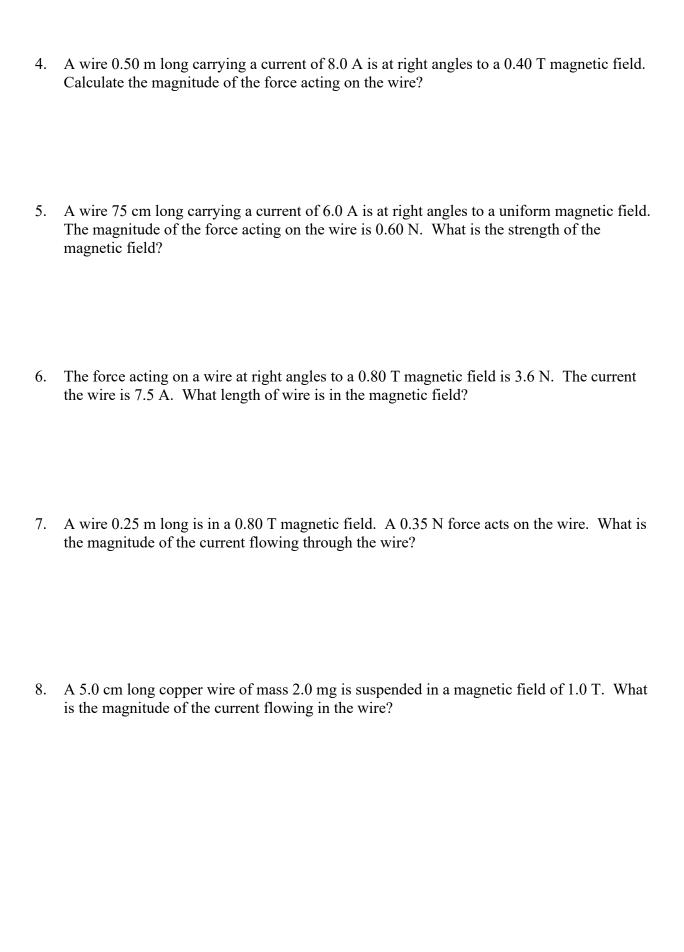
Indicate the direction of the magnetic field at the center of the loop.

3. A constant electric current is flowing through a solenoid as shown.

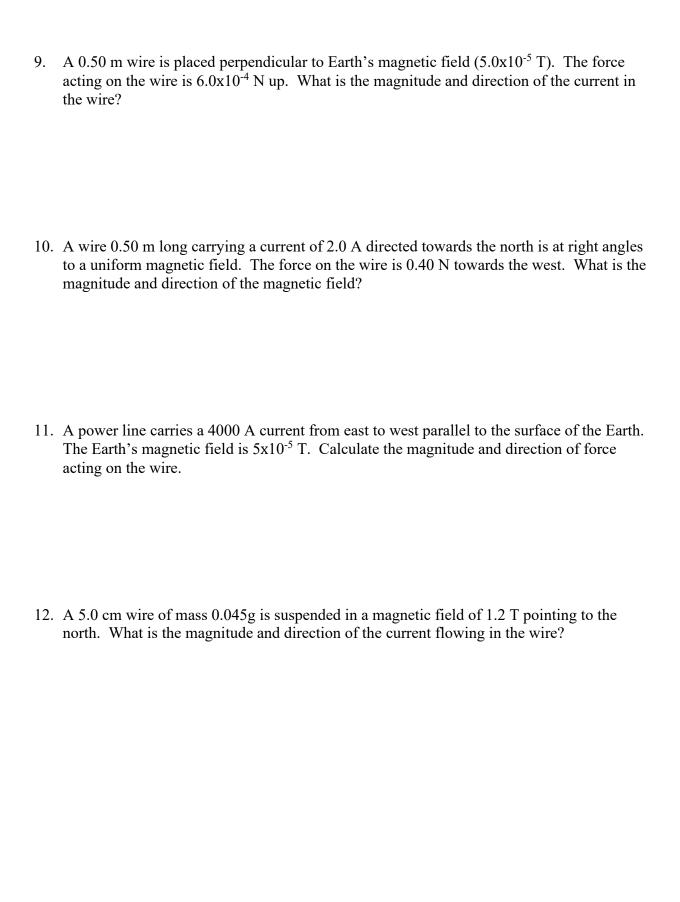


Draw the magnetic field surrounding the solenoid.

PH30S Page 1 of 3



PH30S Page 2 of 3



PH30S Page 3 of 3