

The objective below is meant to be your starting point for this video assignment. Create a problem which you can solve to fulfill the stated objective. Solve your problem, and then create a video in which you explain what your problem was and how you came about your solution. Imagine you were explaining it to a classmate, and justify and explain your steps and choices. See my webpage for some help or example styles on how you might present the video. *It does not need to be Hollywood blockbuster material!*

**Objective:** *I understand the relationship between the magnetic field and the many small loops of wire comprising a solenoid, and can calculate for unknown values in one given other known constants or parameters about the other.*

When you are done, please *email* me with the subject line: "Video HW 6". In the body of your email, **include the full description of the problem you created**, and a link to your video. Videos will be scored out of 6 points:

Points	Rubric
1	The objective was fully satisfied.
1	The question was clearly stated and could be repeated by another classmate.
2	The solution was accurate and complete in answering the question.
1	The explanation was clear and articulate and showcased understanding of the problem solving process.
1	The video was well made, easy to follow and understand.

*Please try to make sure your video is under 4 minutes in length! Please!*