Physics 1040L

MAGNETIC FIELD

DATA PAGE

STUDENT_____ **DATE**_____ **SECTION**_____

PARTNER(s)_____

PART I

Number of turns in Slinky	
Length of solenoid (m)	
Turns/m (m^{-1})	

Current in solenoid *I* (A)	Magnetic field *B* (mT)
0.5	
1.0	
1.5	
2.0	

Part II

Number of turns in Slinky	

Length of solenoid (m)	Turns/meter *n* (m^{-1})	Magnetic field *B* (mT)