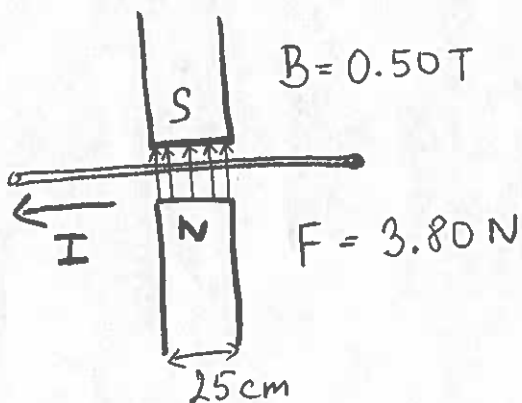


1. Find the current in the wire below:



2. Find the length of the wire subjected to a magnetic field of 3.0 T provided that the wire carries current of 3.75 A and experiences magnetic force of 0.90 N .
3. Find the strength of the magnetic field if 5.0 cm wire carrying electric current of 0.30 A experience force of 7.5 mN .