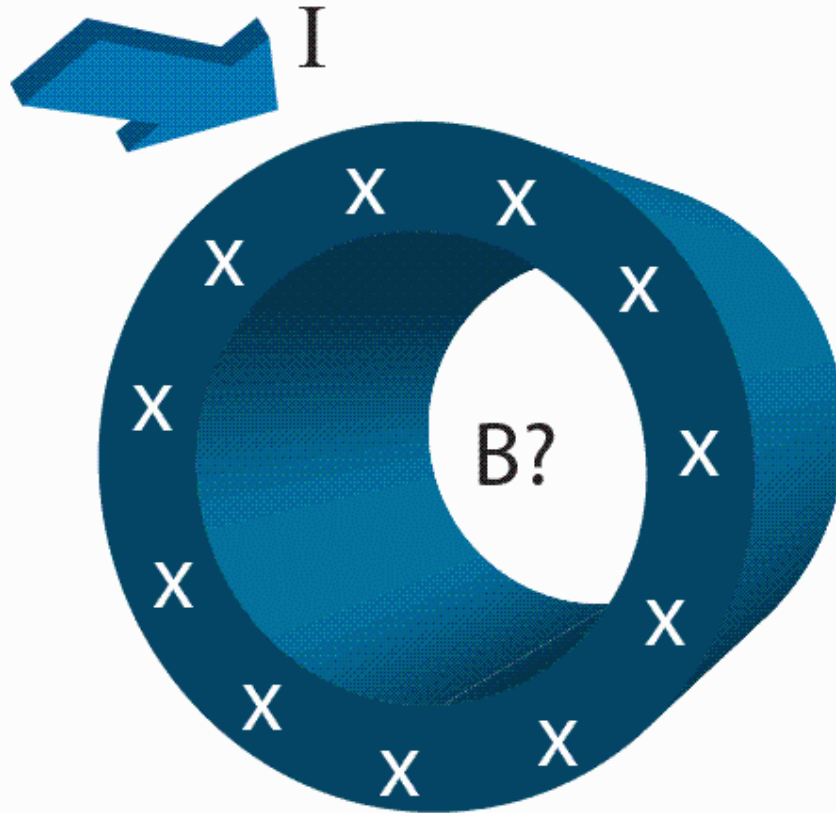
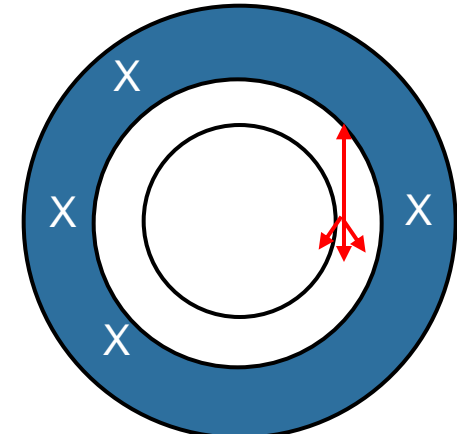


CheckPoint 2a

An infinitely long hollow conducting tube carries current I in the direction shown.

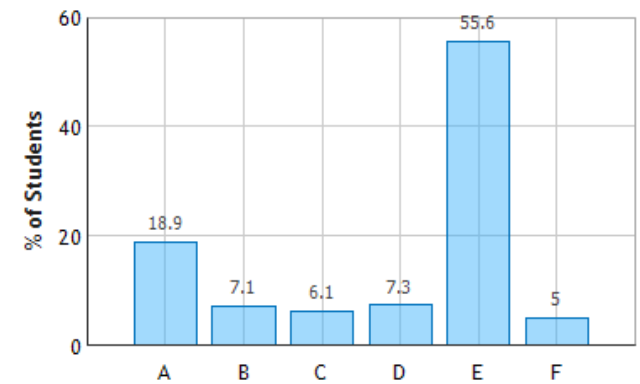


Cylindrical Symmetry



Enclosed Current = 0

Check cancellations



What is the direction of the magnetic field inside the tube?

- A. clockwise
- B. counterclockwise
- C. radially inward to the center
- D. radially outward from the center
- E. the magnetic field is zero