**ConcepTest 28.1a  Magnetic Field of a Wire I**

If the currents in these wires have the same magnitude but opposite directions, what is the direction of the magnetic field at point P?

1) direction 1  
2) direction 2  
3) direction 3  
4) direction 4  
5) the field is zero

**ConcepTest 28.2a  Field and Force I**

A positive charge moves parallel to a wire. If a current is suddenly turned on, in which direction will the force act?

1) + (out of page)  
2) - (into page)  
3) +  
4) -  
5) - y