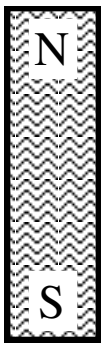
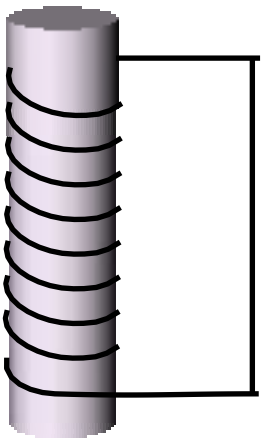
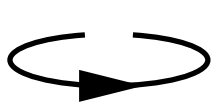
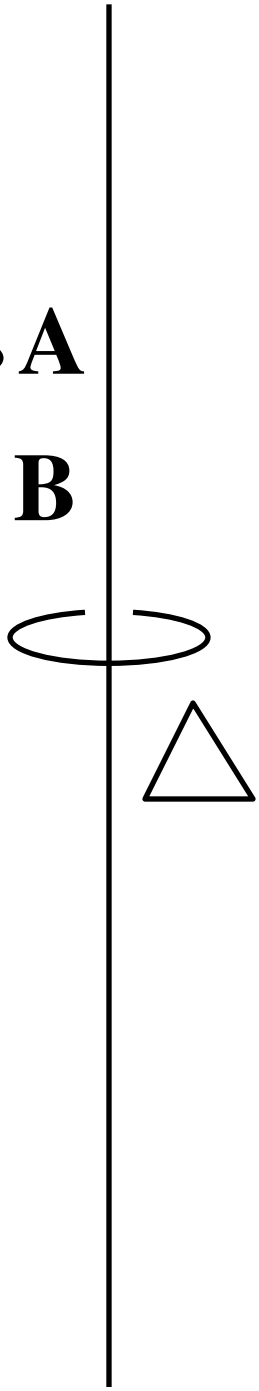


The south pole of a bar magnet has been sitting near the end of a solenoid. The bar magnet is now moved vertically towards the solenoid. Which way will the current flow in the straight section?



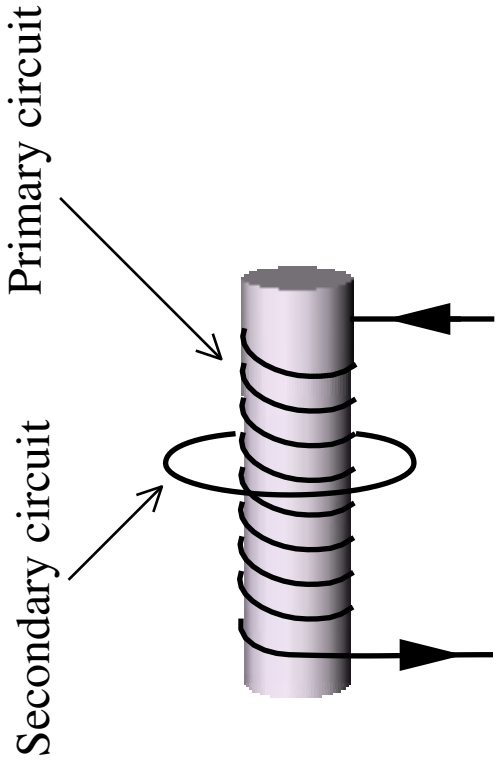
A. Up
B. Down





A. Clockwise
B. Counter Clockwise

A long straight wire, a square and a triangular loop of wire sit in the plane of this sheet of paper. A circular loop of wire sits in a plane perpendicular to the long straight wire. For several minutes there has been a current flowing up the long straight wire; that current is now reduced. Which way will the induced current flow in the square, triangle and the circle?



A current has been flowing through the primary circuit in the direction indicated. This current is now reduced to zero. What is the direction of the current induced in the secondary circuit