

- 26** The bar magnet is dropped from rest with its North pole at the bottom from a height of 3.0 cm into the end of a coil of wire. A galvanometer is used to detect the induced current and the maximum deflection of the needle is 8 units to the right.

The same bar magnet is then dropped from rest with its South pole at the bottom from a height of 5.0 cm into the same end of the coil. What will be the deflection of the needle in this case?

- A** Less than 8 units to the left
- B** Less than 8 units to the right
- C** More than 8 units to the left
- D** More than 8 units to the right

