

- 31** A current in a solenoid produces a uniform magnetic field inside the solenoid. The magnetic field direction is due east.

Which changes will produce a stronger magnetic field with a direction due west?

- A** Use a smaller current and turn the solenoid through  $180^\circ$ .
- B** Use a smaller current and reverse the current.
- C** Use a larger current and turn the solenoid through  $90^\circ$ .
- D** Use a larger current and reverse the current.