

### Multiple Choice Quiz: Section 5.4: Design of a Laminate

\_\_\_\_\_ 1. In a cylindrical pressure vessel under uniform internal pressure, what can you say about the hoop stress?

- A hoop stress is twice the longitudinal stress.
- B hoop stress is half the longitudinal stress.
- C hoop stress is the same as the longitudinal stress.

\_\_\_\_\_ 2. In a spherical pressure vessel under uniform internal pressure, what can you say about the hoop stress?

- A hoop stress is the same as the longitudinal stress.
- B hoop stress is half the longitudinal stress.
- C hoop stress is twice the longitudinal stress.