

- 12** A stone at the end of a string is whirled in a vertical circle at a constant speed. Which of the following statements is correct?
- A** The tension in the string stays constant.
  - B** The tension is least when the stone reaches the bottom of the circle.
  - C** The weight of the stone is always the centripetal force.
  - D** The tension is greatest when the stone is at the bottom of the circle.

