

- 10** A satellite is in an orbit around the Earth. It is moved to a new orbit that is closer to the surface of the Earth. Which of the following correctly describes the changes in the gravitational potential energy and orbital speed of the satellite?

	<b>potential energy</b>	<b>speed</b>
<b>A</b>	increases	increases
<b>B</b>	increases	decreases
<b>C</b>	decreases	increases
<b>D</b>	decreases	decreases