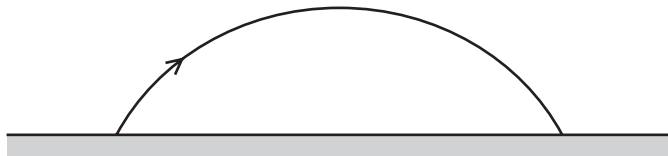


- 7 The diagram shows the path of a golf ball.



Which row describes changes in the horizontal and vertical components of the golf ball's velocity when air resistance is ignored?

|          | horizontal            | vertical  |
|----------|-----------------------|---|
| <b>A</b> | constant deceleration | constant acceleration downwards                         |
| <b>B</b> | constant deceleration | acceleration decreases upwards then increases downwards |
| <b>C</b> | constant velocity     | constant acceleration downwards                         |
| <b>D</b> | constant velocity     | acceleration decreases upwards then increases downwards |