

- 9 A skydiver falls from an aircraft that is moving horizontally.

The vertical component of the velocity of the skydiver is v .

The vertical component of the acceleration of the skydiver is a .

Which row describes v and a during the first few seconds after the skydiver leaves the aircraft?

| | v | a |
|----------|------------|------------|
| A | constant | constant |
| B | constant | decreasing |
| C | increasing | constant |
| D | increasing | decreasing |