

- 9 A ball bearing falls at terminal velocity through a liquid.

The temperature of the liquid increases and the ball bearing falls with a greater terminal velocity.

Which row of the table is correct as the temperature of the liquid increases?

	Viscous drag on ball bearing	Viscosity of liquid
<input checked="" type="checkbox"/> A	constant	increases
<input checked="" type="checkbox"/> B	constant	decreases
<input checked="" type="checkbox"/> C	decreases	increases
<input checked="" type="checkbox"/> D	decreases	decreases

(Total for Question 9 = 1 mark)