temperature, the pressure increases.	
Which of the following statements about air molecules is a reason why the pressure the trapped air exerts on the tube increases?	
$\boxtimes$ A	The molecules have a greater mean kinetic energy.
<b>⊠</b> B	The molecules make more frequent collisions with each other.
	The molecules make more frequent collisions with the walls of the tube.
<b>∑ D</b>	The molecules experience a greater change in momentum when they collide with the tube.
	(Total for Question 7 = 1 mark)

Air is trapped in a glass tube. When the air is forced into a smaller volume at a constant