

Question number	Answer	Notes	Marks
7 (a)	D – newtons per square metre (N/m^2);		1
(b)	<p>any 3 of:</p> <p>MP1. air is heated / temperature of air increases;</p> <p>MP2. (air) molecules move faster / gain kinetic energy;</p> <p>MP3. more (frequent) collisions between molecules and walls;</p> <p>MP4. molecules collide with walls with more force;</p>	<p>allow particles for molecules throughout</p> <p>allow pressure is proportional to (kelvin) temperature</p> <p>allow molecules collide harder with walls</p> <p>allow rate of change of momentum for force</p>	3

Total for question = 4 marks