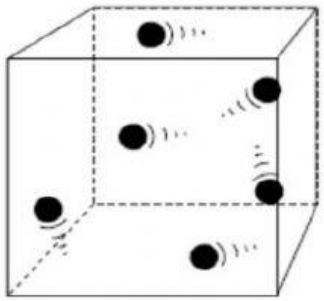
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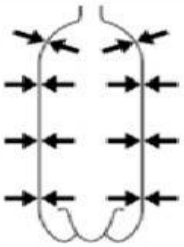
PRESSURE AND GASES



bump	decrease
force	increase
less	more
particles	pressure

1 Fill in the gaps in these sentences using words from the box. You may use each word once, more than once or not at all.

The _____ in a gas are moving around all the time. The particles _____ into the sides of their container. The _____ of the particles hitting the sides causes _____. If you put more particles into a container, there will be _____ particles to collide with the walls, and the pressure will _____.

2.	Particles in the air bump into everything around us. There is air inside this empty bottle. Air particles are hitting the inside and the outside, and there is the same pressure inside and outside.	
a.	The air is being sucked out of the bottle now. Will the pressure inside the bottle INCREASE or DECREASE?	
b.	Will the bottle SWELL UP. CRUMPLE SMALLER, or, REMAIN THE SAME If all the air is sucked out?	

3. Write TRUE or FALSE for the following statements.

a. Gases are made up of particels that usually stand still._____

b. Driving car tires on hot roads may cause the gas pressure inside them to increase._____

c. If gas pressure inside a balloon increases, the balloon will get bigger. _____

LIVEWORKSHEETS