

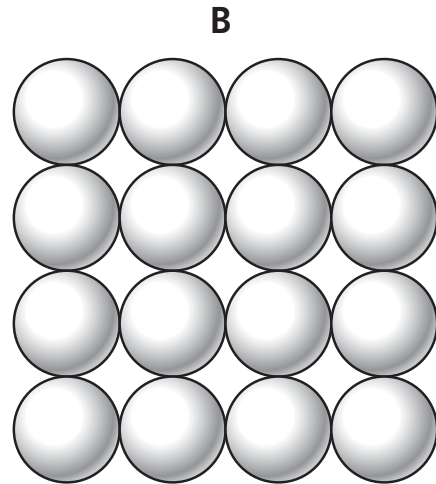
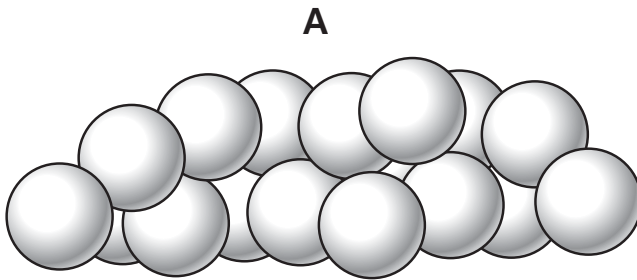


Name: ..... Form: .....

See pages 4 and 5 of *Gases around us*

# What is a gas?

Gases are made of small particles that spread out to fill any space.



**Q1.** How fast does air move when it escapes from a burst balloon?

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**Q2.** What is solid water called? .....

**Q3.** Solids, liquids and gases are three states of matter. (i) Which state holds its shape?  
(ii) Which states can change their shape? (iii) Which state can greatly change its size?

(i) ..... (ii) .....

(iii) .....

**Q4.** Diagrams A and B show how the particles are arranged in two of the states of matter. Which state is shown in A, and which state is shown in B (chose from solid, liquid, or gas)?

A ..... B .....

**Q5.** Air is pumped out of a bottle and then the top is taken off. What happens? Explain your answer.

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