

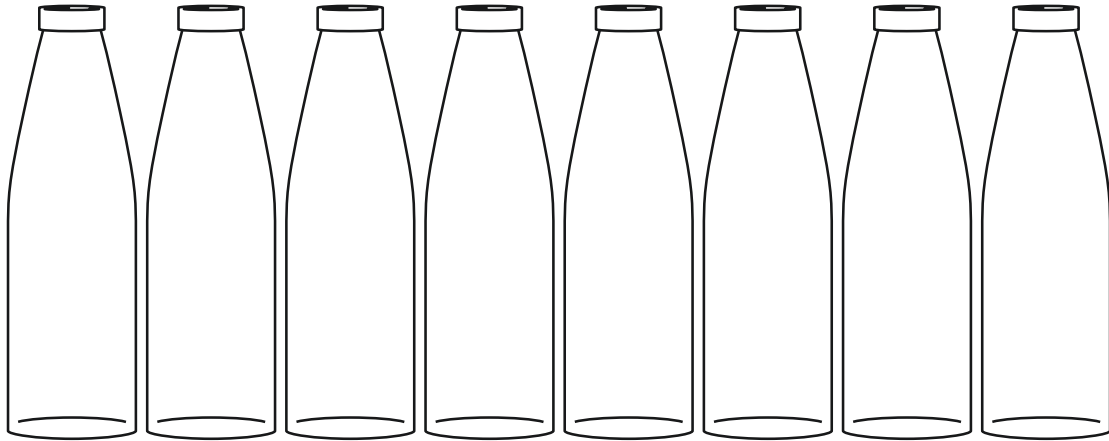


Name: ..... Form: .....

See pages 18 and 19 of *Changing sounds*

# Making a musical sound

A musical sound is made by a simple, regular vibration.



**Q1.** (i) Show how you would fill the bottles in the diagram above with water to make them play a scale called an octave.

(ii) Why do you think the scale is called an octave?



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(iii) When water is put into a bottle, what else is changed inside the bottle?




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**Q2.** What is the name of the device that produces a single, pure note?



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**Q3.** What is the highness or the lowness of a note called?  .....

**Q4.** What is the process which builds up a pattern of waves in every musical instrument?



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**Q5.** Why are musical notes pleasant and noise unpleasant?



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