

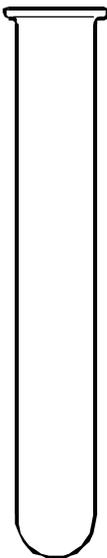
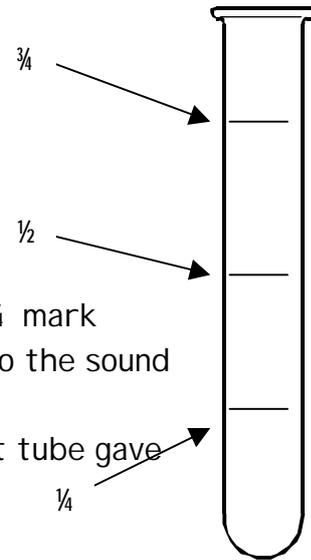
Investigation - Sound

Equipment -

3 test tubes, water, a small spoon

What to do -

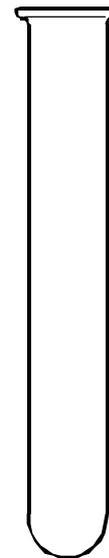
1. Put water in the three test tubes up to the $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ mark
2. Gently tap the sides of the test tubes and listen to the sound that is made.
3. On the test tube pictures below record which test tube gave the highest, lowest and middle sound.



Highest
Sound



Middle
Sound



Lowest
Sound

The test tube with the _____ water gave the highest sound. Why?

The test tube with the _____ water gave the lowest sound. Why?
