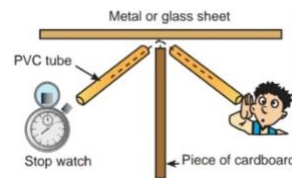


1) A diagram related to an activity done by Grade 9 students is given below.



- a) Name the phenomenon which student have tried to test.
 - b) What is the observation of this experiment?
 - c) What is the observation when the metal or glass sheet is removed?
 - d) What is the reason for above observation?
 - e) What is the reason for placing the cardboard sheet between pvc tubes?
 - f) Explain reflection on of sound briefly.
- 2) The bat uses reflection of sound to detect obstacles at night.
- a) What type of waves does the bat use for this?
 - b) Write an instance where reflection of sound is used by the man.
 - c) If someone heard his voice again, when he too loudly, which phenomenon is occurred there.
 - d) What is the reason for hearing the same voice over and over again?