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Molar Volume Of Hydrogen Gas Procedure

1. Obtain a metal strip of magnesium, sand it and place it in a 10ml beaker.
2. Obtain a 50 ml eudiometer, pour 9 ml of 6M hydrochloric acid and fill the rest with water.
3. Insert the metal sample into the eudiometer.
4. Place your finger over the hole and invert the eudiometer and immerse it in 250 ml of water.
5. When metal has reacted, tap the side of the eudiometer and raise it until the water levels in and outside of it are equal.
6. Read the volume temperature and pressure of the gas in the eudiometer.
7. Repeat twice.