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Sodium hydroxide + hydrochloric acid → water + sodium chloride

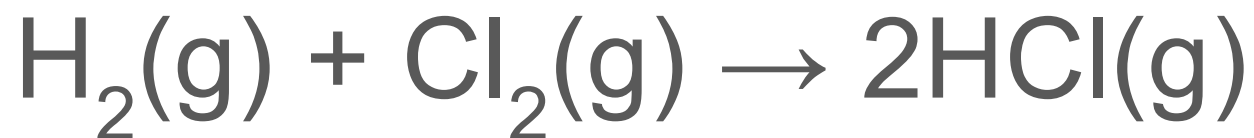


Write a balanced chemical equation for the reaction between hydrogen and chlorine to form hydrogen chloride. Include state symbols.

(extended only)



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What does the term relative atomic mass mean?



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The average mass of one atom of an element compared to 1/12th the mass of an atom of carbon-12.

OR

The average mass of one atom of an element on a scale where ^{12}C has a mass of exactly 12 units.



What does the term relative formula mass mean?



What does the term relative formula mass mean?

The sum of the relative atomic masses of atoms in a formula unit. Used for giant ionic structures.



What does the term relative molecular mass mean?



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The sum of the relative atomic masses of atoms in a molecule.

