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Year 9 energy and matter

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| **Across****3.** A reaction the takes in heat from the surroundings**5.** Hydrocarbon + oxygen --> carbon dioxide + \_\_\_\_\_\_\_\_**10.** How many atoms are in C2H6**11.** Particles in a reaction rearrange, this is the "conservation of \_\_\_\_\_ theory"**12.** Combustion always has this gas as a reactant**13.** An Exothermic reaction gives out energy to its ...**14.** These go into a reaction**16.** These are made in a reaction | **Down****1.** In an endothermic reaction the temperature would go \_\_\_\_**2.** The equipment you use to find if a reaction is endo/exo thermic**4.** carbon dioxide is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ gas**6.** Sulphur dioxides and nitrogen oxides cause \_\_\_\_\_\_/\_\_\_\_\_**7.** What is the posh word for burning**8.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ combustion happens when there is plentiful oxygen**9.** Incomplete combustion happens when there is limited \_\_\_\_\_\_\_\_\_**15.** How many elements are in C2H6 |