

4. Incorrect. The answer is true not false. The lightest hydrocarbon fuels (with less carbon) are gaseous and release less CO₂. Crude oil, which is a mixture of liquid and gaseous hydrocarbon compounds, emits more carbon than natural gas. Coal, which is solid, emits more carbon than oil. While heavier hydrocarbons contain more energy, their energy content does not increase in the same proportion as their CO₂ emissions.