

Use the metrics supplied to complete the table here: https://mrd123.de/index.php/alkanes-physical-properties/

Make 3 graphs as follows:

Graph	Y axis	X axis
1	melting point	Nr carbon atoms
2	boiling point	Nr carbon atoms
3	density	Nr carbon atoms

Analyse the Physical Propeties of Alkanes

Questions		
1.	Describe and explain the general patterns for melting points as the number of carbon atoms increases.	
2.	Describe and explain the general patterns for boiling points as the number of carbon atoms increases.	
3.	Describe and explain the general patterns for density as the number of carbon atoms increases.	



4.	(eicosane) and 30 (triacontrane) carbon atoms.		
5.	What is the physical state at room temperature of an alkane that has a boiling point with a negative		
	value? Explain this in terms of intermolecular bonds.		
	Analyse the Physical Propeties of Alkenes – Use "Alkenes Physical Properties" table in CODAP Briefly compare the alkane and the alkene graphs.		