TLDR:

Part	#1	#2
Α	78.29	80.09
В	62.61	95.76
С	17.57	21.11
D	0.4488	0.3106

#1 Find the following physical properties for liquid ethanol at its normal boiling point:

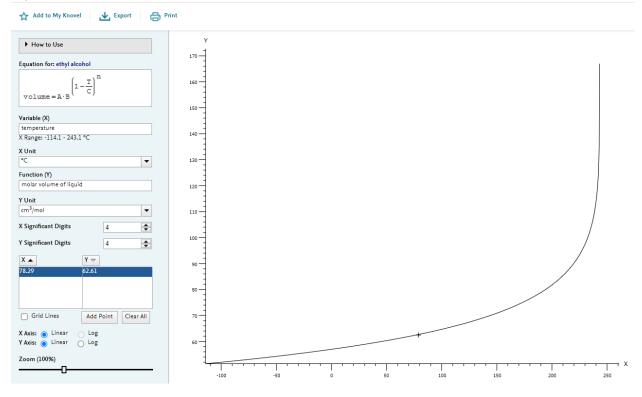
- 1. Normal boiling point in °C (T_b)
- 2. (Molar) Volume in cm³/mol at T_b
- 3. Surface tension at T_b in dyne/cm
- 4. Viscosity at T_b in cP

1. 78.29

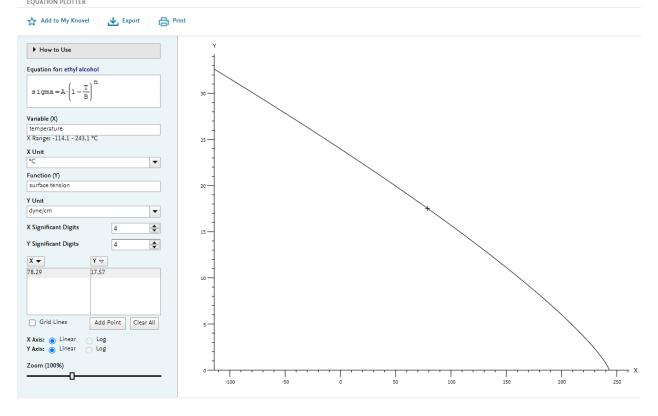
Table 2. Physical Properties - Organic Compounds

Substance (Substance Name) :	ethyl alcohol	
Molecular Weight	46.069	
Freeze Point	-114.10	
Boiling Point	78.29	
Density	0.7870	
Temperature	25	
Refractive Index	1.3593999	999999999

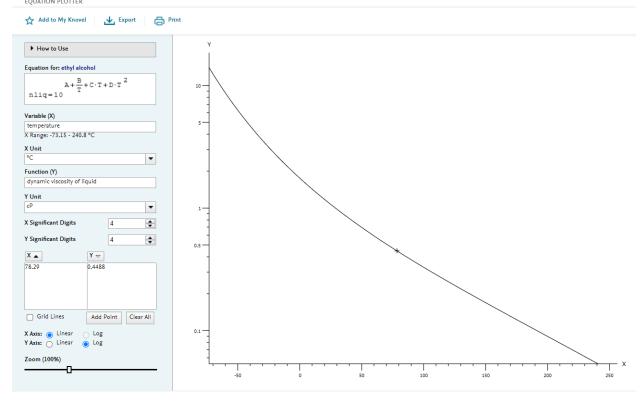
2. 62.61



3. 17.57



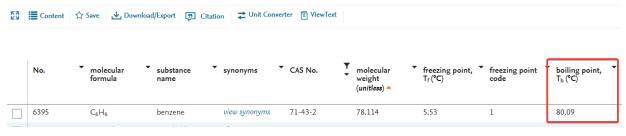
4. 0.4488



#2 Find the following physical properties for liquid benzene at its normal boiling point:

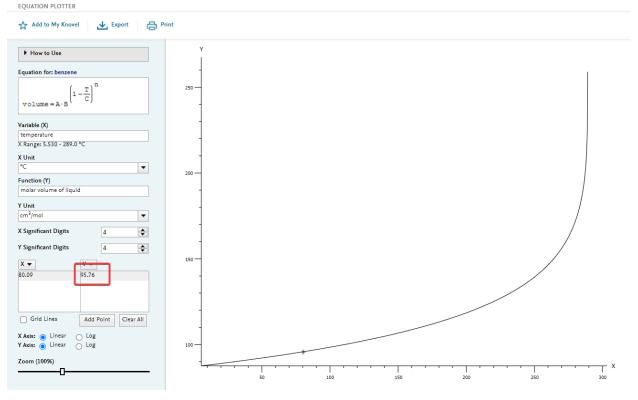
- 1. Normal boiling point in °C (T_b)/
- 2. (Molar) Volume in cm³/mol at T_b
- 3. Surface tension at T_b in dyne/cm
- 4. Viscosity at T_b in cP
- 1. 80.09

Table 2. Physical Properties - Organic Compounds

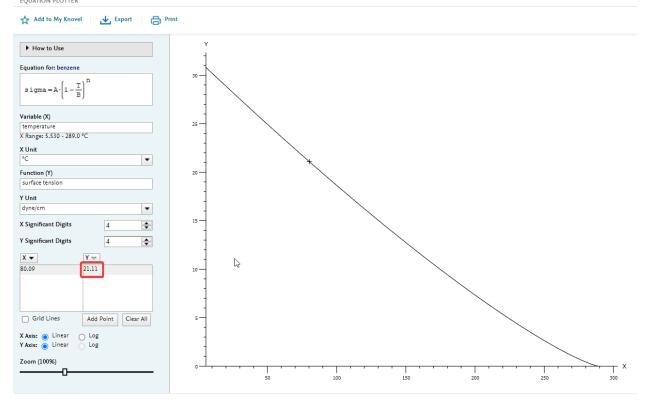


2. 95.76

benzene from Yaws' Critical Property Data for Chemical Engineers and Chemists



3. 21.11



4. 0.3106

EQUATION PLOTTER

