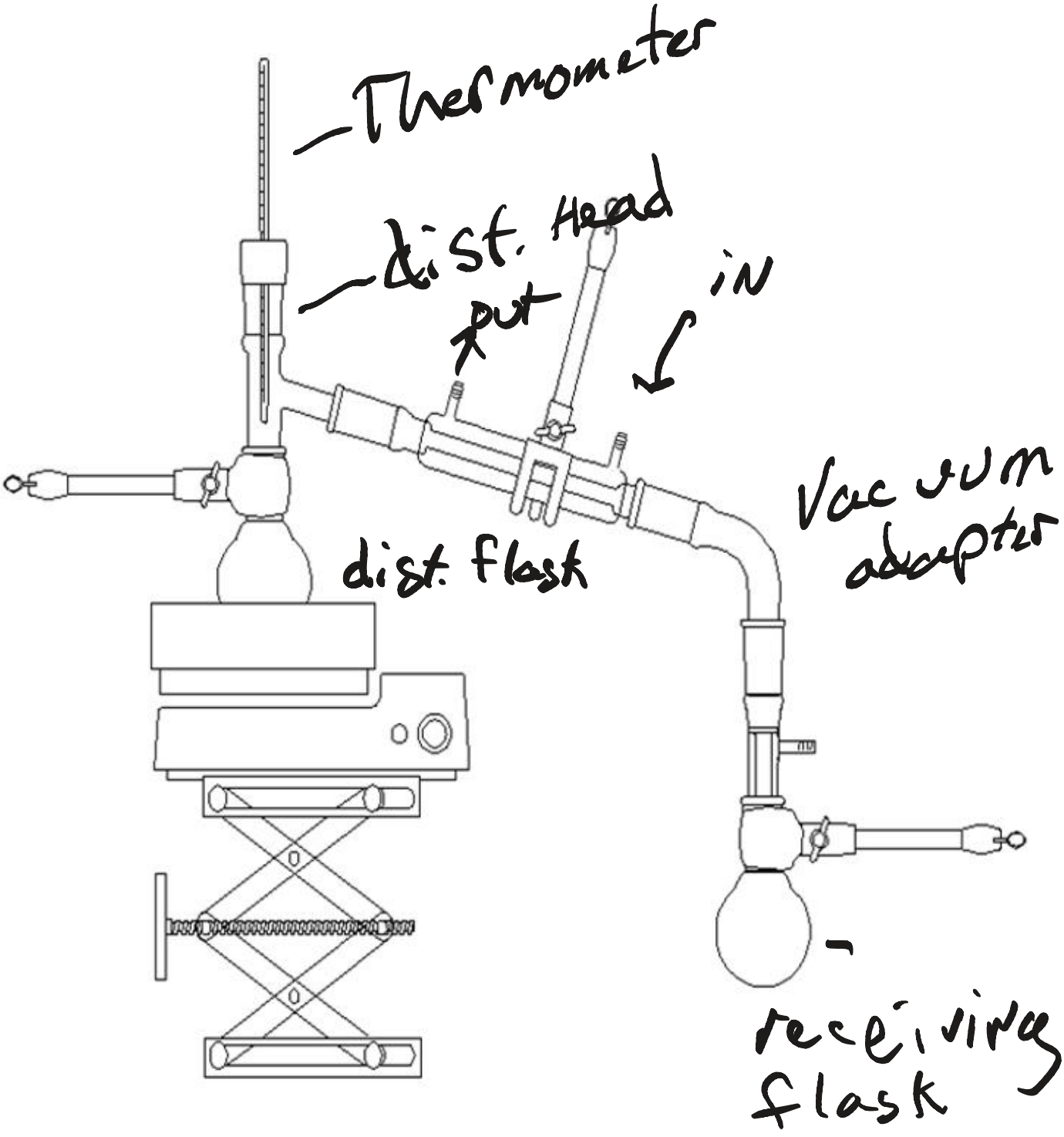
Distillation

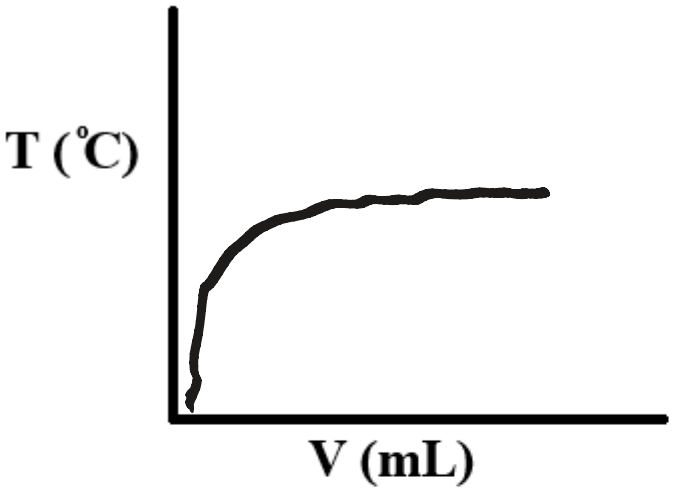
220C

6/8/26

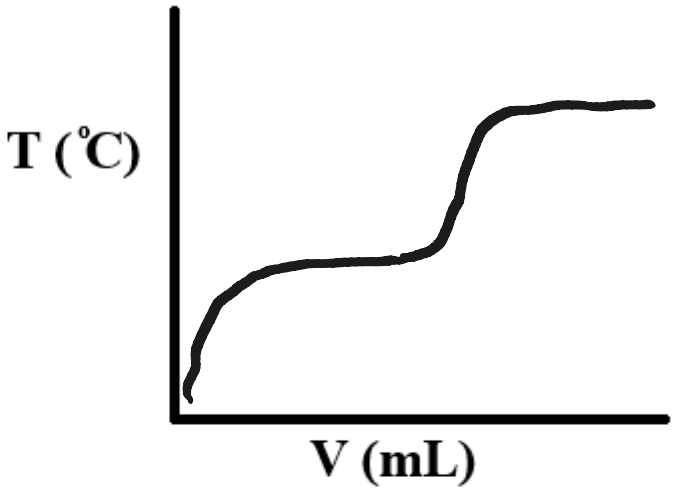
Simple Distillation L/S



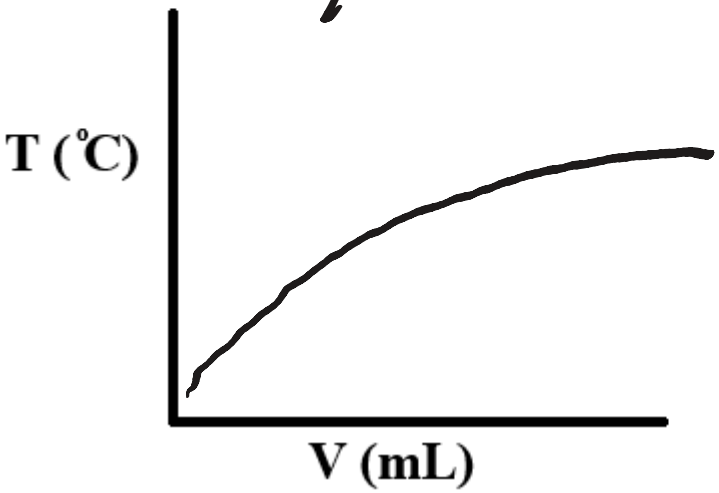
L/S



L/L 100°C

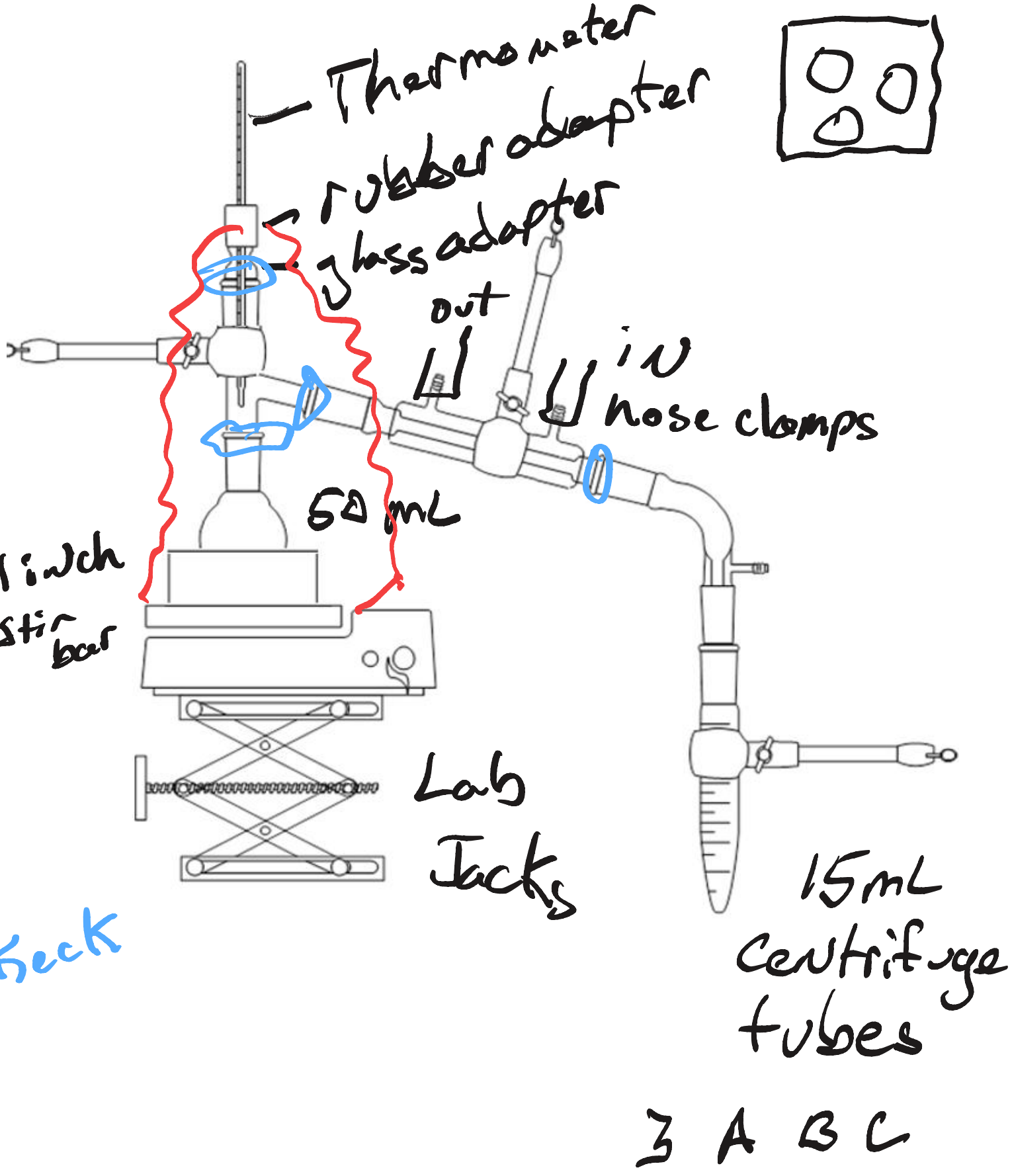


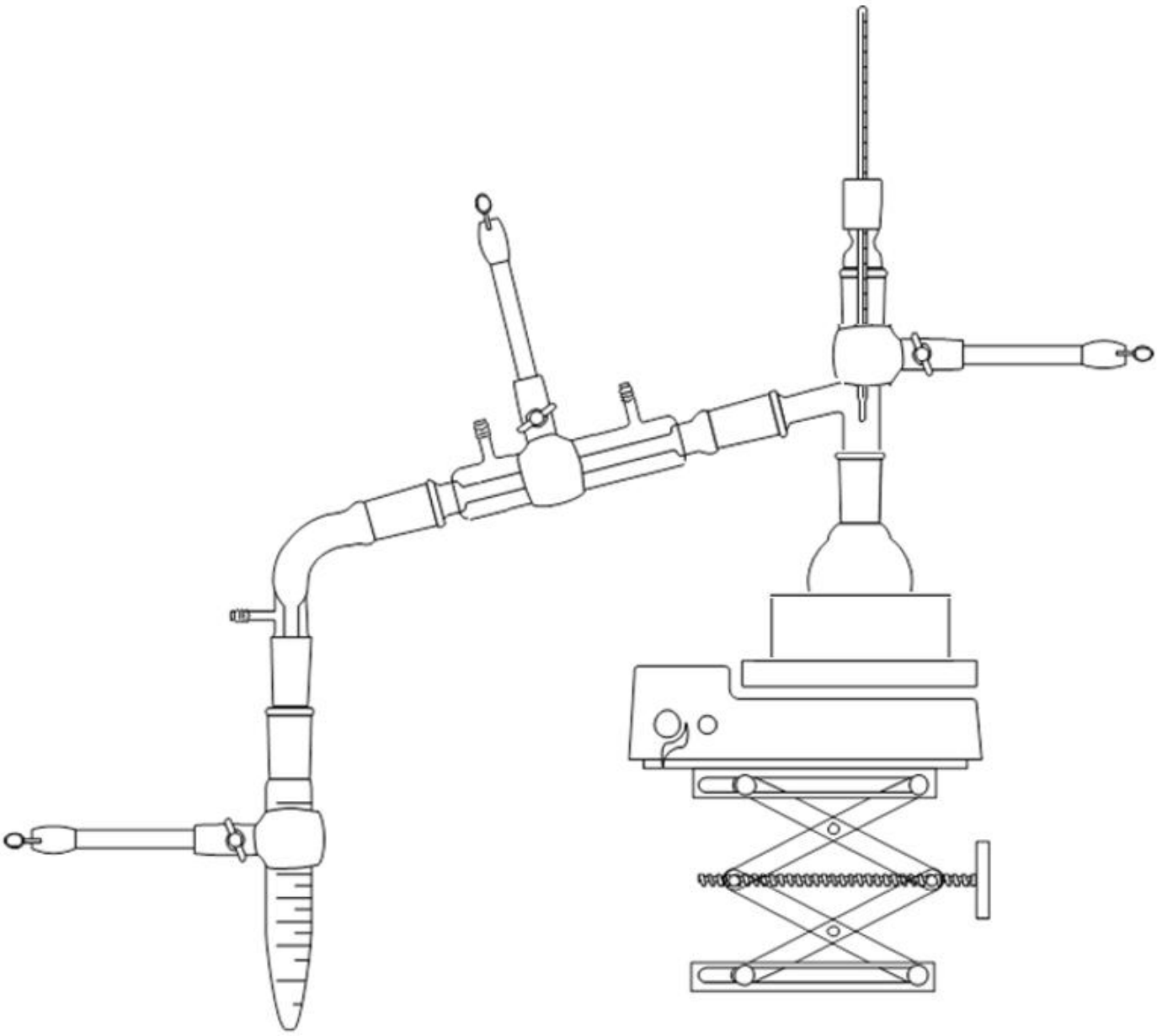
L/L 20°C



Fract. Distillation

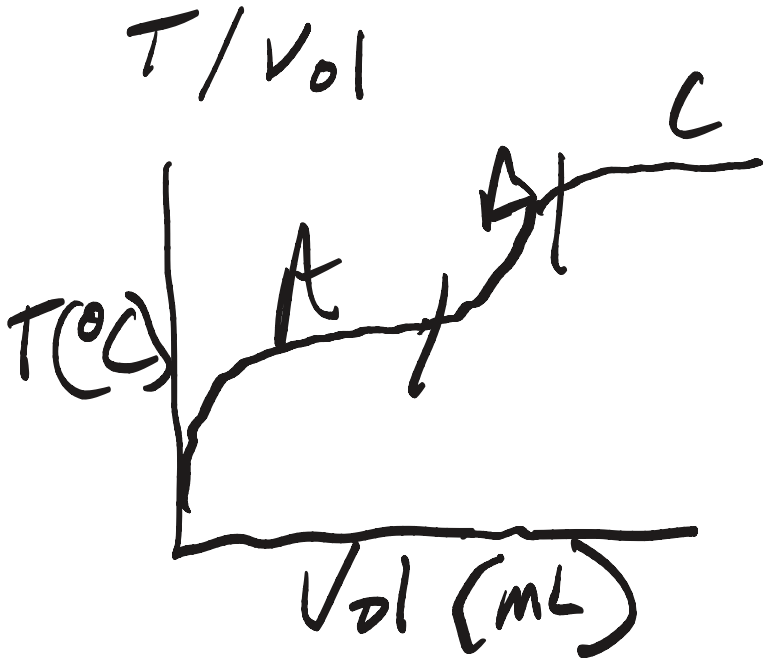
30 mL acetone/toluene

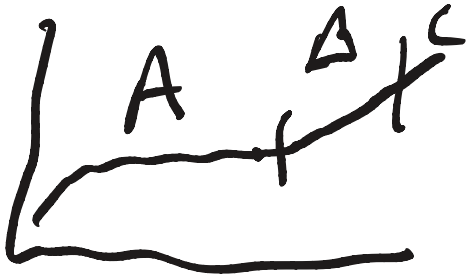

Thermometer
rubber adapter
glass adapter
out
in
nose clamps
50 mL
1 inch
stir bar
Lab
Jacks
Keck
15mL
centrifuge
tubes
3 A B C



Hot plate 280-230

stir plate 4-5





Fraction	Volume (mL)	%A / %T
A	10	
B	10	
C	10	

1. acetone / Toluene identify
2. ratio?

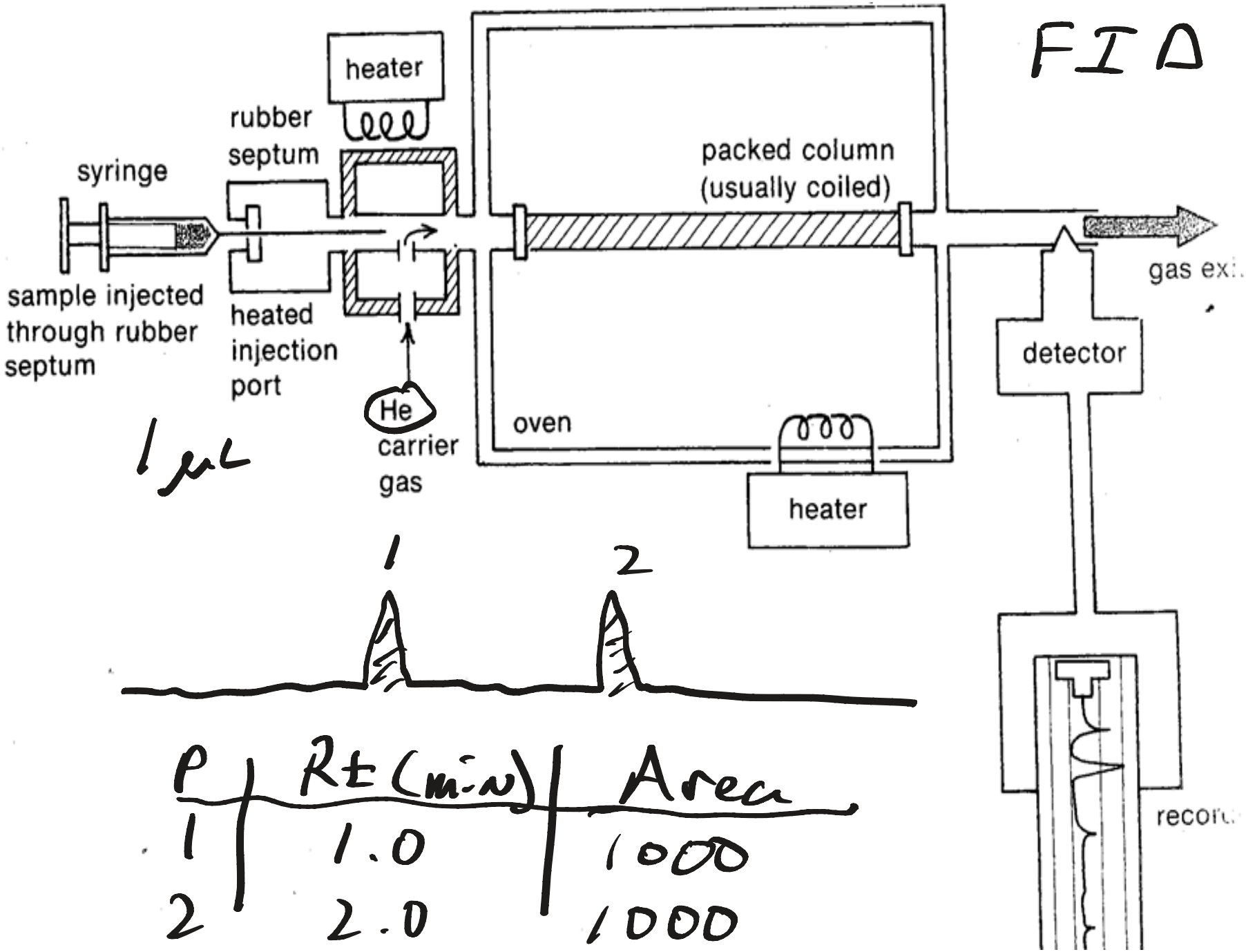
gas chromatography

Stationary phase (P)

Mobile phase (MP)

Boiling Points

FID



1 µL

P	Rt (min)	Area
1	1.0	1000
2	2.0	1000

P1 1000

P2 1000

2000

tot. P.A.

$(1000/2000) \times 100 =$

% P.A.

F	Vd	GC %A/%T	Vol A/T
A	10	80/20	8/2
B	10	50/50	5/5
C	10	0/100	0/10
			13/17

$(13/30) \times 100$