

50 mph = ? Kps

$\frac{\text{miles}}{\text{hr}} = \frac{\text{Km}}{\text{Sec}}$

50 miles	1.61 <u>Km</u>	1 hr	1 min	=
1 hr	1 miles	60 <u>min</u>	60 <u>Sec</u>	

0.02236 Km/sec

2.236×10^{-2} Km/sec

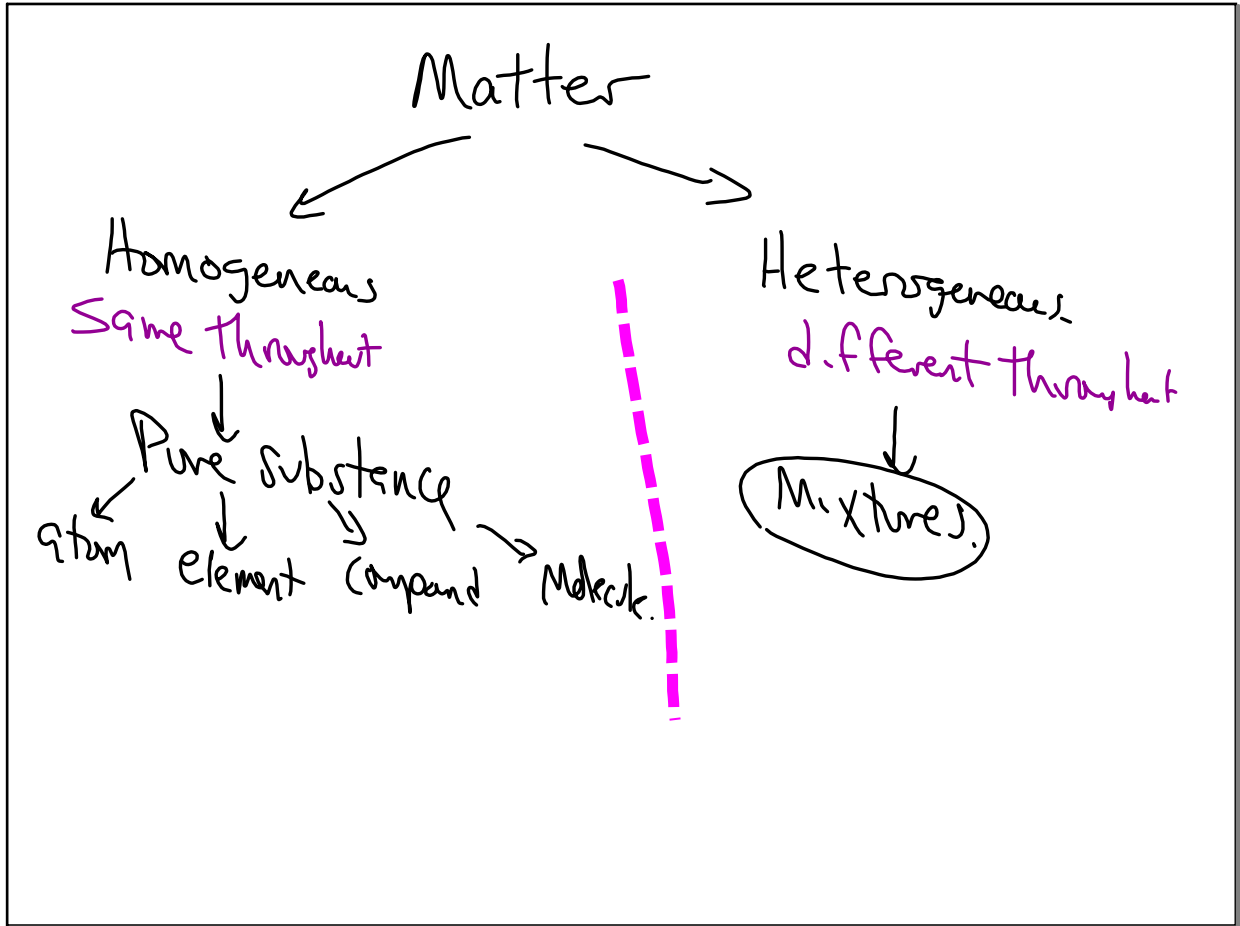
Sep 17-7:15 AM

⑤ $525 \text{ m}^2 = ? \text{ ft}^2$ 1 in = 2.54 cm

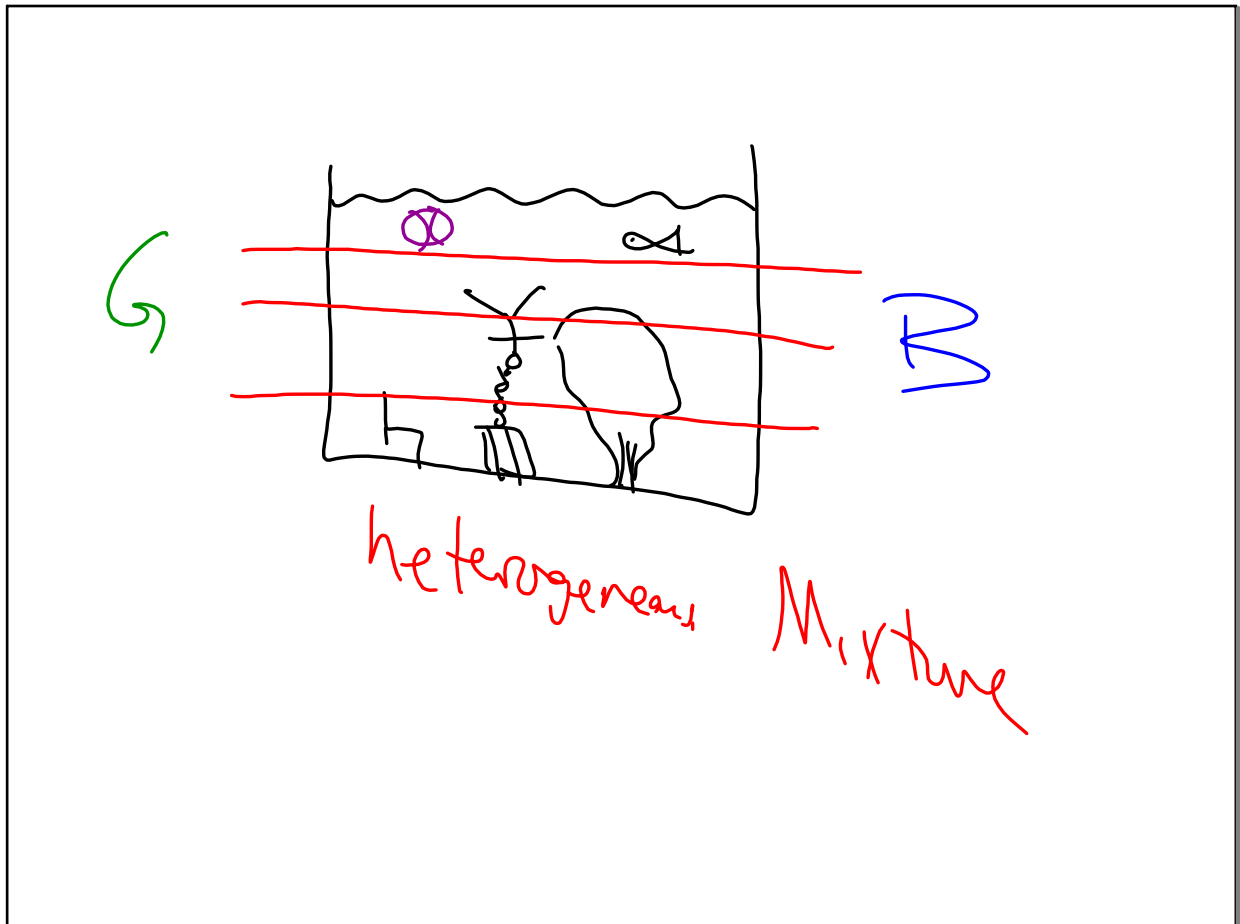
525 m²	(100 cm)²	1 in²	1 <u>ft²</u>	=
1	1 m²	(2.54 cm)²	(12 in)²	

5651.05 ft²

Sep 17-8:20 AM



Sep 17-8:26 AM



Sep 17-8:35 AM

homogeneous Kool-Aid!

All Same \Rightarrow Solution (homogeneous mixture)

Sep 17-8:37 AM

Separate items pure \Rightarrow (S) (L) (g)
 mix \Rightarrow (aq)

① Sand \rightarrow filter paper

② $\text{NaCl (aq)} \xrightarrow{?}$ $\text{NaCl (s)} + \text{H}_2\text{O (l)}$
 (evap) (ppt) (evap)

③ Alcohol + water \rightarrow Distillation
 ethyl alcohol BP $\approx 78^\circ\text{C}$ BP $\approx 100^\circ\text{C}$
 Separates by their BP
 (FP)

Sep 17-8:39 AM

Intensive \rightarrow In dependent
of Mass

Extensive \rightarrow Mass dependent

Sep 17-8:45 AM

Precision

Accuracy

(HW)
1.45 / C, d, e, f
SAW FLM.

Sep 17-8:46 AM