COMPOSITION
- CARBOHYDRATES + SUGARS
- PROTEIN
- FAT
- WATER
- Fibers

IGNORE MINOR COMPONENTS. CHECK TUTORIALS
FUR USE

MATHCAD IS A PROGRAM THAT CAN BE
USE BY REMOTE ACCESS OF IN ANY
ENG. COMPUTER LAB [OR BUY IT]

Problem 4

$$\rho = \frac{M_s + M_{water,0}}{V_{sample}}$$

$$\rho_{app} = \frac{M_s + M_{water,1}}{V_{sample}}$$

$$M_{water,0} \longrightarrow M_{water,1}$$

<u>1 Kg of undried material.</u>

25% Solids ——→ 250 g of Solids

75% water —— 750 g of water.

DRYING

<u>DRIED MATERIAL</u>

250 g Solids.

✗ g water.

$$\frac{X}{X+250} *100 = 40\%$$

$$\boxed{\rho = \frac{MASS}{Volume.}}$$

The undried material has data to calculate.