NOTES FROM OFFICE HOURS 9-27-2017

Problem 4

$$Slope = 0.0926 \qquad = \frac{C-1}{M_0 C}$$

$$Intercept = 0.0633 \qquad \qquad = \frac{1}{M_0 C}$$

(1) Deleting the bad "second point"

$$\frac{C-1}{M_0 C} = 0.0926$$

$$\frac{1}{M_0 C} = 0.0633$$

$$\frac{C-1}{M_0 C} \times \cancel{M_0 C} = 0.0926 \times \frac{1}{0.0633}$$

$$C = 1 + \frac{0.0926}{0.0633} = 2.463$$

$$M_0 = \frac{1}{0.0633 \times 2.463} = 6.414 .$$

(2) Keeping the point.

$$Slope = 0.0399$$
$$Intercept = 0.1063$$

$$C = 1 + \frac{0.0399}{0.1063} = 1.375$$

$$m_0 = \frac{1}{0.1063 \times 1.375} = 6.842$$

Problem 2

cheese particles
"grated cheese"