For Final Exam:

Nov. 28/18

Review: 25% Definitions (no m/c)
75% Calculations

Lecture 3 (Chapter 3)

(e) no direct questions, but need concepts

Lecture 6 (Chapter 4)

Lecture 7 (Chapter 5)

Lecture 8 (Chapter 6)

Lecture 9 (Chapter 12) First portion not included

(Chapter 15) Stress-strain of diff. polymers

glass transition temp.

Lecture 10 (Chapter 7)

* { Lecture 10 (Chapter 9) Lecture 11 (Chapter 9)

- Mass of Pb?

 Mpb = 0.17 x 7.5 kg = 1.275 kg
- b) Now heat to 400°C

 = 32 wt1. (from graph)

 Xis the mass (kg) of additional Pb

$$0.32 = \frac{1.275 + x}{7.5 \times x}$$

Mass of Mg₂Pb = 0.57 kg mass of 0.57 kg

Ca = 46.67. > 4170, thus not possible.