Math 111 Contemporary Mathematics Fall 2015 Lecturer: Dr. Paullin

Name: ____

Compensation Day 3

Sisters April, May, and June will inherit thier parent's house. Their bids (in thousands) are as follows.

	April	May	June
House	\$200	\$400	\$900

(1) Knaster's Procedure Use Knaster's Procedure and answer the following questions.

	April	May	June	
Fair Share				
Value of Item Received				$\mathbf{Surplus}\downarrow$
Money Received				

(a) Who gets to keep the house?

(b) Using this method, what are x_{April}, x_{May} , and x_{June} ?

(2) **Perception Chart** Use your results from above Knaster's Procedure problem, to fill in the Perception chart.

View of Compensation	April	May	June
April views			
May views			
June views			

(3) **X/B Fractions** Find the $\frac{x}{b}$ fractions for April, May, and June.