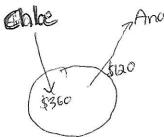
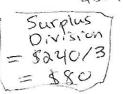
## HW 4 Solutions

			100	Vanity	Tupestry	Total	FS Threshold
1,		Vesser	Vesk	\$ 170	\$ 400	\$ 900	\$900/3 = \$300
	Hna 1	(\$300)	4150	4 200	\$250	\$900	\$300
	Chloe	\$275	\$165	(\$260)	(\$ 500)	\$ 1200	\$1200/3=\$40

- Ana gets \$120 less than FS threshold so gets \$120 from money pot
- Belle gets exactly her FS threshold so closs not pay or get anything from money pet
- · Chloe gets \$360' more than FS threshold So pays \$360 to money pct



Surplus =\$360-\$1ac = \$240



## Final Settlement:

Ana: Desk and gets \$120 + \$80

Belle: Dresser and gets \$80

Chloe: Vanity, Tapestry, pays \$360, gets \$80

$2, \omega$	SD =	130,000	= 1040

Hostocitais are the daily average ridership per 1 bus.

c) Route H 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
21 000 20 14 160 10,260 8,720	130,000
Riders 95,200 13,615 9.865 8.385	125
SQ 43,558 29,875 (9, 102) 300 (1)	121
1 43 29 19 13 9 8	121
Residue 1.658 .875 .702 .615 .865 .385	4
and ord with and	The same of the sa
Kanking	25

e) Try modified divisor d= 1020 since d=1040=SD gives too small of lower quotas.

Row	ite	A	13	1 C	D	E	F	Total
Rid	ers	,				* * *	• 0 0	2 2 3
modified > 5 (	2	44.41	30.46	20,09	13.88	10,06	8.55	
SG= Riders	1111	44/	30	20	13	10	8	125
A 220	is tionest	44	30	20	13	10	8	125
/ 1711					The state of the s	1		

3. a)  $SD = \frac{Total\ pop}{Seats} = \frac{130}{250} = 0.52$ 

b) The average number of beds per nurse

()	11-14 1	ECU 1	ICU	Mu	1 Pu 1	Su	lotal
	Unit		19	35	30	25	130
	Beds	21		The second secon		48.08	250
d)	5 Q	40.38	36,54	67.31	57.69	48	248
		40	36	67	57	-	10
	0	.38	. 54	, 31	169	208	
	Residue	alle .	and		15+		-
	Ranking	The first Administration of the control of the cont		1.7	58	48	250
	Apportionent	40 1	37	67	<i>J</i> 0		1

e) This one was harder than In meant. Try d = 0.514, mu/Pu/Su/total ECU ICU Unit 35 19

36.96 68.09 58.36 48,69 36 68 58 48 36 68 58 48 SQ 40.85 40 250 Apprilianment