## Compensation Worksheet #2 October 22, 2018

2 Points						
Circle one name.						
Name: Solutions	Name:	Name:				
supplies this month. The book old equipment as long as the	ooss (their uncle) decide ey agree to share it eq	rated, which is getting some new office les that the three of them can have the ually between them. They use Knaster's Round to the nearest penny when needed.				
÷	cabinet         \$60         \$           desk         \$35         \$           printer         \$90         \$	vart         Peter           65         \$80           30         \$40           70         \$50           20         \$200				
<ol> <li>How much is a fair sh to Brian, and then div</li> </ol>	are, according to Bria	n? (Find how much the goods are worth of people.) $60 + 35 + 90 + 300 = \frac{385}{3} = 128.33$				
2. Which goods will Brian get, if any? (Which is he the highest bidder on?)						
3. How much cash will I he receive or pay in or	Brian pay or receive in oder to have EXACTL	the first settlement? (What cash should I his fair share?) 128.33 - 190 = receive 138.33				
4. How much is a fair sh	are according to Stewa	rt? $\frac{65+30+70+320}{3} = \frac{385}{3} = \frac{138.33}{128.33}$				
5. Which goods will Stewart get, if any? Lopier						
6. How much cash will Stewart pay or receive in the first settlement?						
7. How much is a fair share according to Peter?  8. Which goods will Peter get, if any?						
8. Which goods will Peter get, if any? Cabinet and Desk						
9. How much cash will F	Peter pay or receive in	the first settlement? 123.33 - 80-40 > receive 3.33				
10. What is the surplus? total amount received	(Find the difference b in the first settlement	etween the total amount paid out and the: lines 3, 6 and 9 above.) -38.33 + 91.67-3.33 = 50.0				
settlement below. (Yand pays/receives [ca	ou'll have one sentend sh]; etc.)	o each person. Then write out the final e for each person: Brian receives [items]				
\$50.01_41/12	Brlen: 38.33+16.67	= 155 Brion receives the Printer and receives 55.				
3 16.67	Bolon: 38.33+16.67 Stewart: -91.62+16.67 Peter: 3.33+16.67=190	= 175 Stewart receives the copier and pays 175.  Peter receives the Cabillet and Desh and receives 100.				

## Compensation Table

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x  dmoo	41-15 (30+55)	(-31.67 + 16.60) (320-75)	\$1410 (150+30)	,
final \$	+555 +1667 (30+55)	(-31.62+1640) (320-75)	+\$20 fiylo (3.33+1667) (150+30)	
surplus	13833-20= \$16.67 + 555 + 438.33 + 16.67 + 555	125,33-220 + \$16.67	13.33 + 16.67	
1st \$	+ 58.83 + 58.33	128,33-200.	1333-130= +3.33	
person bid total b fair share items items value 1st $\$$ surplus final $\$$ comp $x$	06\$	1220	1 120 (sorus)	
items	Printer	co ides	Cobinet, Desk	
fair share	385 \$ 128.33	385-\$128.33 Copies	370- \$123.33 Cobinet,	
bid total b	\$385 (001385+300+300)	\$385 (05+20+20+320)		
person	Brian	Stewart	Peter	

Money in and out of pot: 5 - 333 + 91.67 - 333 = \$50.01

Net total surplus in pot:

Surplus per person:  $\frac{\sqrt{50.01}}{3} = \frac{16.67}{1}$