

Debrief Plan	
How did you feel while playing?	
Were there any problems? If so, what?	
What caused these problems?	
What are some solutions to these problems?	
Announce winners	
Analysis	
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So who won? Shell BiC March 2016			
 99 Problems but a 6-pack aint one "Expert" Chembrew Base Beer Drunk in the morning Chein Cong 	\$7,336 \$7,078* \$1,362 \$1,378		
Chain GangAverage (today)Worst Average (6-14)	\$1,265 \$3,684 \$24,821		
*Expert table			
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So who won? Shell B	iC November 2016
 Brew Dog Supply 	\$4932
 Beer Time Competition* 	\$2531
• Lazarus	\$2115
Aminah's Alcoholics	\$1672
• Average (today)	\$2813
• Worst Average (6-14)	\$24,821
*Expert table	
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Common Patterns in Supply Chains	
Oscillation	
 Factory output, orders received each day, cycle times, demand variation, 	
 Delaying purchases to meet volume requirements (truckload quantities for discounts, efficient order quantities) 	
Amplification	
 The Bullwhip Effect – Pharma, Electronics, Machine Tool industries 	
 Ex. Eastman Chemical: a 10% sales variation required 45% extra capacity to supply 	
Phase Lag	
 Manufacturer cycle time is 6 weeks & cannot respond to retailer 1 week forecast 	
 Lag from order receipt to release to supplier 	
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Some suggestions & cost to implement			
	Expensive	Inexpensive	
Collaboration	\checkmark		
Increase visibility	\checkmark		
Use historical data		\checkmark	
Shorter delays	\checkmark		
Eliminate middle-man	√		
Strategic info sharing		\checkmark	
• Align incentives, KPIs		\checkmark	
These all effect the structure of the system			
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	Thank You	
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