Name:	·	Date:	
First Build – Gear Trains!		Per:	
Directions: Using the pictures belo Train A and Gear Train B and answ		out at the beginning of class, build Gear	
Gear Train A	Gear Train A	Gear Train B	
1. What is the relationship of the i	input compared to the output in bo	th gear trains?	
2. Identify the drive and the drive	n gears for Gear Train B.		
Drive:			
Driven Gear:			
3. In Gear Train A, is the speed inc	creased, decreased, or constant?		
4. In Gear Train B, is the speed inc	reased, decreased, or constant?		
	rain A? Remember, count the teeth	n!	
	rain B? Remember, count the teeth	n!	
:  7. Is the flow of power reversible?			
8. Do the gears move in the same			
9. List an example of where this m	nechanism might be used:		

