RULES:	DORMITORY DRAMA	4
 COLLEGE STUDENTS ARE LAZY DORMS ARE UNASSIGNED ONE STUDENT PER ROOM UNLESS ALL ROOMS ON A FLOOR ARE FILLED. A FILLED ROOM CONSISTS OF A STUDENTS. MUST ABIDE BY STATE FIRE CODEBED HEADBOARDS MEACE IN OPPOSITE DIRECTIONS 	4	
DIRECTIONS: 1. HOW MANY FLOORS ARE IN EACH DORM? A. DORM 1 B. DORM 2 C. DORM 3 D. DORM 4	3 3 2	
2. HOW MANY ROOMS ARE ON EACH FLOOR? A. FLOOR 1 B. FLOOR 2 C. FLOOR 3 D. FLOOR 4 3. PLACE STUDENTS () IN DORMS AND	2	
DORM ROOMS ACCORDING TO THE ABOVE RULES	1	
		11

	IONSHIPS: DORMS =	ENTHUSIASTIC ELECTRONS	
2.	FLOORS =		4
3.	ROOMS =		4
RULE			
7.	AUFBAU PRINCIPLE: ELECTRONS ARE LAZYTHEY FILL ORBITALS OF LOWEST ENERGY FIRST.	a	
2.	HUND'S RULE: ONE ELECTRON PER ORBITAL UNLESS ALL	•	
	ORBITALS ON AN ENERGY LEVEL ARE FILLED. A FILLED		
٦	ORBITAL CONSISTS OF 2 ELECTRONS. PAUL EXCLUSION PRINCIPLE: ELECTRONS MUST HAVE		
.	OPPOSITE SPINS IF OCCUPYING THE SAME ORBITAL	d	
חוחבר	TIONS:	3	
•	HOW MANY SUBLEVELS ARE IN EACH ENERGY LEVEL		
	A. ENERGY LEVEL 1	p	
	B. ENERGY LEVEL 2 C. ENERGY LEVEL 3	d	
	D. ENERGY LEVEL 4		
2	HOW MANY ORBITALS ARE IN EACH SUBLEVEL?	S	
٥.	A. SUBLEVEL s superplace		
	B. SUBLEVEL p	p	
	G G		
	D. SUBLEVEL f		
		S	/
3.	PLACE ELECTRONS (†) IN ENERGY LEVELS AND ORBITALS ACCORDING		
	TO THE ABOVE RULES		
			//
	S 12 22 22 22 22 22 22 22 22 22 22 22 22	00	
• \$			
	y /		12
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7.	LUSIONS: USE WHAT YOU HAVE LEARNED ABOUT THE FIRST FOUR ENTI ENERGY LEVEL.	IR ENERGY LEVELS AND SKETCH A	QGY LEVELS AND SKETCH A DRAWING OF THE FIFTH	

A.	WHAT SUBLEVELS EXIST?
В.	HOW MANY ORBITALS EXIST IN EACH SUBLEVEL?
С.	WHAT IS THE MAXIMUM NUMBER OF ELECTRONS THAT CAN EXIST IN THE 5 TH ENERGY LEVEL?

2. COMPLETE THE FOLLOWING CHART:

ENERGY LEVEL	TOTAL # OF SUBLEVELS PER ENERGY LEVEL	SUBLEVEL DESIGNATION (s, p, d, f, etc.)	# OF ORBITALS PER SUBLEVEL	TOTAL # OF ELECTRONS PER ENERGY LEVEL
1				
2				
3				
4				
5				