

Sample sheet. On competition day, twelve pages (1 doc) like this will be sent out to competing groups.

Puzzle # 1. Date _____ Group name _____

Division Competing in: _____

	Li							
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	Tb							
				Rg				
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1. Gas at 1 atm and 0°C:
2. Oxidation state of +1:
3. Lanthanides (La-Lu):
4. Actinide (Ac-Lr):
5. Oxidation state of +2:
6. Nonmetal or a metalloid:
7. Soft metal, 4d or metalloid:
8. Transition metal (Hf-Hg):
9. Artificial element (104 -118):