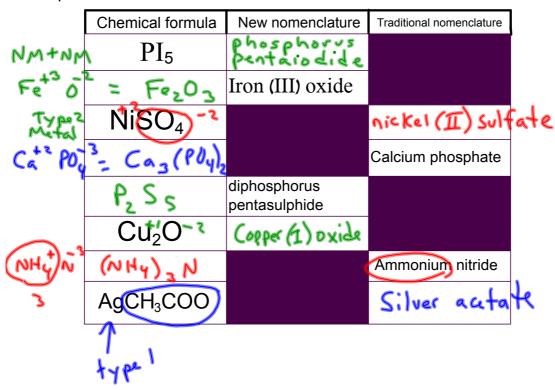
PSC-4012 Quiz #3

Name:

Date:

1. Complete the table below indicating the name or chemical formula of each compound.



2. Give the chemical formula of the binary compounds formed by the combinations of elements H, J, L, and M, Q, and R from the families indicated below:

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Element H: IA	Element M: IVA +4 or -4
Element J: IIA 42	Element Q: VA -3
Element L: IIIA	Element R: VIIA
H+' R-' +'3	'
Compound formed by H and R:	HR
Compound formed by J and Q: $J_3Q_2$	
Compound formed by L and R:	LR3
Compound formed by H and M:	HyM

3. Match each of the substances below with the appropriate category of matter, by writing the letter corresponding to your answer in the space provided.	
B - Eld C - Su D - He	omogeneous mixture ement espension eterogeneous mixture empound
Substance:	
1. the air in this classro	om <u>A</u>
2. fresh lemonade (ma	de by sqeezing real lemons)
3. sterling silver (an all	oy) <u>A</u>
4. 100% pure tungster	lightbulb filament <u>\$</u>
5. 100% pure glucose	$(C_6H_{12}O_6)$
6. saline solution (salt	water) _A_
7. cookie dough ice cre	eam <u>D</u>
8. 100% pure salt (Na	CI) <u>E</u>
9. gardening soil	

10. your exhaled breath A