

TEAM IONIC BONDING name: _____

There are 12 sets of ions, each set has two cations and three anions. Each set of ions can combine into six neutral ionically bonded compounds. Your job is to pick SIX sets, and form the proper neutral compounds, and name them. The answers for all twelve sets are online at www.Arbuiso.com. CHECK YOUR WORK, test yourself on all for practice.

	cations	anions
set 1	ammonium, barium	fluorine, phosphorous, acetate
set 2	lithium, strontium	chlorine, cyanide, peroxide
set 3	sodium, calcium	bromine, phosphorous, hydroxide
set 4	potassium, magnesium	iodine, carbonate, phosphate
set 5	rubidium, aluminum	hydrogen carbonate, oxalate, chlorate
set 6	cesium, ammonium	hypochlorite, chromate, sulfite
set 7	magnesium, lithium	oxygen, sulfate, thiocyanate
set 8	calcium, sodium	sulfur, hydrogen carbonate, chlorine
set 9	strontium, potassium	fluorine, perchlorate, thiosulfate
set 10	barium, rubidium	chlorine, dichromate, chlorate
set 11	lithium, cesium	bromine, permanganate, hydrogen sulfate
set 12	calcium, aluminum	iodine, nitrite, carbonate

set __	cation	anion	neutral ionically bound compound	proper name
1				
2				
3				
4				
5				
6				

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1				
2				
3				
4				
5				
6				

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