

# Worksheet - Ionic bonding (monatomic ions)

Name \_\_\_\_\_

Period \_\_\_\_\_

Date \_\_\_\_\_

Write the formula and name for the ionic compound formed by the two elements.

<u>Elements</u>	<u>Formula</u>	<u>Name</u>
1. Ca and F	_____	_____
2. B and P	_____	_____
3. Sr and N	_____	_____
4. B and I	_____	_____
5. Ba and N	_____	_____
6. Al and O	_____	_____
7. K and N	_____	_____
8. Li and Se	_____	_____
9. K and F	_____	_____
10. Mg and I	_____	_____
11. Be and S	_____	_____
12. Na and O	_____	_____
13. Al and Br	_____	_____
14. Li and O	_____	_____
15. K and Br	_____	_____
16. Mg and Cl	_____	_____
17. Mg and Br	_____	_____
18. Ca and O	_____	_____
19. Ba and S	_____	_____
20. Al and S	_____	_____

Write the formula for each ionic compound.

21. lithium oxide \_\_\_\_\_

22. aluminum iodide \_\_\_\_\_

23. potassium nitride \_\_\_\_\_

24. calcium phosphide \_\_\_\_\_

25. barium hydride \_\_\_\_\_

26. magnesium fluoride \_\_\_\_\_

27. magnesium chloride \_\_\_\_\_

28. sodium sulfide \_\_\_\_\_

29. rubidium oxide \_\_\_\_\_

30. aluminum chloride \_\_\_\_\_