

# PROPERTIES OF METALS AND NONMETALS

Name \_\_\_\_\_

For the following physical and chemical properties, put a check in the appropriate column if it applies to a metal or a nonmetal.

Property	Metal	Nonmetal
1. malleable		
2. lustrous		
3. gaseous at room temperature		
4. forms negative ions		
5. metallic bonding		
6. more than 4 valence electrons		
7. conducts electricity in solid state		
8. ductile		
9. brittle		
10. only forms positive ions		
11. nonconductor		
12. covalent bonding		
13. can have both positive and negative oxidation numbers		
14. gives away electrons in chemical reactions		
15. prefers to receive electrons in chemical reactions		