

Organic Compounds Worksheet

1. What does the term organic compound mean?
2. What does the term inorganic compound mean?
3. What are some exceptions to the organic classification?
4. What is organic chemistry?
5. How many electrons does carbon have in its valence shell?
6. Draw a Lewis Diagram for carbon
7. List the elements that carbon usually bonds with
8. Plastics are made up of what kinds of carbon compounds?
9. What kinds of structures can carbon compounds form because of its four bonds?
10. What are some ways that organic compounds are used today?
11. How do you recognize an organic compound?
12. What are some exceptions to the rule in question 11?
13. In the table below decide if the compound is organic or inorganic

Compound	Organic	Inorganic
CH ₃ CH ₂ OH		
CaCO ₃		
PbBr ₃		
C ₈ H ₁₀ N ₄ O ₂		
C ₄ H ₁₀		
CH ₃ COOH		
CO ₂		
Al ₄ C ₃		
C ₃ H ₈ O		
(NH ₄) ₂ SO ₃		
CH ₄		
HCl		

14. In the diagram above what do you notice about organic compounds?