

Name \_\_\_\_\_ period \_\_\_\_\_

## 7<sup>th</sup> Grade DO NOW

7.6A Identify that organic compounds contain carbon and other elements.

Date \_\_\_\_\_

Organic compounds must contain carbon but can also contain hydrogen, oxygen, nitrogen, phosphorous and sulfur. What abbreviation do we use to remember all of these elements?

1. Underline the question.
2. Box the important vocabulary words.
3. Tell something else you know about this topic.

\_\_\_\_\_  
\_\_\_\_\_  
4. Answer the question in the space below.

Date \_\_\_\_\_

Only certain elements are considered organic. Circle the elements in the box that do NOT belong to the organic elements.

1. Underline the question.
2. Box the important vocabulary words.
3. Tell something else you know about this topic.

\_\_\_\_\_  
\_\_\_\_\_  
4. Answer the question in the box.

KEY
C = carbon
Cl = chlorine
F = fluorine
H = hydrogen
N = nitrogen
Na = sodium
O = oxygen
S = sulfur

Date \_\_\_\_\_

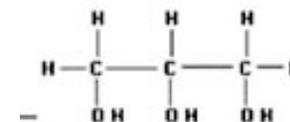
Proteins are chains of carbon. Fats are chains of carbon. Sugar and starch are chains of carbon atoms. Why are these chains of carbon atoms important?

1. Underline the question.
2. Box the important vocabulary words.
3. Tell something else you know about this topic.

\_\_\_\_\_  
\_\_\_\_\_  
4. Answer the question in the space below.

Date \_\_\_\_\_

Carbon is found as a solid and a gas on the earth. All living things contain carbon. The most important quality of carbon is that it -



1. Underline the question.
2. Box the important vocabulary words.
3. Tell something else you know about this topic.

\_\_\_\_\_  
\_\_\_\_\_  
4. Answer the question in the space below.

Date \_\_\_\_\_

Why are the following compounds not considered organic?

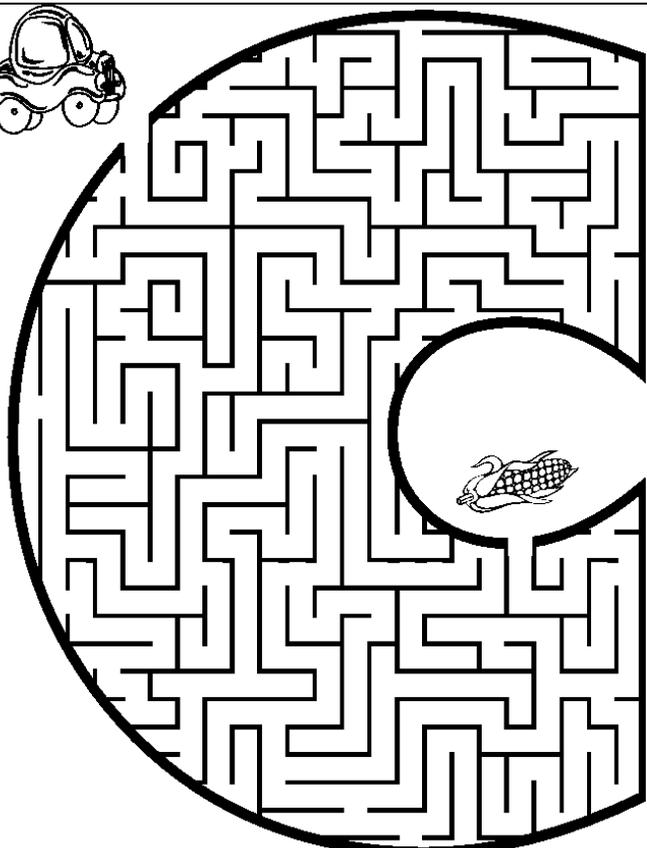
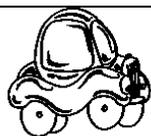
NaCl    H<sub>2</sub>O    HCl    H<sub>2</sub>SO<sub>4</sub>

1. Underline the question.
2. Box the important vocabulary words.
3. Tell something else you know about this topic.

\_\_\_\_\_

\_\_\_\_\_

4. Answer the question in the space below.



A T E J S C L E S P B N S N T  
Q R G N K S T A E Y N S A F N  
Z L M M E I E N O O S N D R A  
R Q F C H R T N G C O N N I C  
A H N P H A E A D T F Q O C I  
T H A R G A X L E R C D M T R  
P R R O R E I C L H A H A I B  
G E N D H I H R I U Y H I O U  
D Y N G L N X R B F F C D N L  
V F G C O N A N O T U B E A Z  
S A P L I L N O B R A C D N I  
B B O H L L A B Y E K C U B G  
Y G Y N Z C I E U H B H R A Z  
Y S A H T G N E R T S V Q D A  
F G E O D O M E C E F T G N G

ARMCHAIR	GRAPHITE
BUCKYBALL	HARDNESS
CARBON	HEXAGON
CHIRAL	LUBRICANT
COAL	NANO
DIAMOND	NANOTECHNOLOGY
FRICTION	NANOTUBE
FULLERENE	PENCIL
GEODOME	PENTAGON
STRENGTH	
ZIGZAG	