

Name _____

LOOK...LISTEN...LEARN...RECORD

Meet the Elements by They Might Be Giants

This video gives great examples of how the elements on the periodic table, either alone or with combinations of other elements, make up all the substances around us. Read the questions below before watching the video and then watch the video to find the answers. You may need to watch it more than once, or pause it in order to gather all of the information needed to answer the questions.

1. What element causes Iron to rust?

a. _____

2. What two elements bond to form **sand**?

a. _____

b. _____

3. What important role does **Neon** have in our day-to-day survival here on Earth?

a. _____

4. List three elements that make up **coins**.

a. _____

5. What is the chemical equation for **Sugar**?

a. _____

6. What four elements make up most of all **living things**?

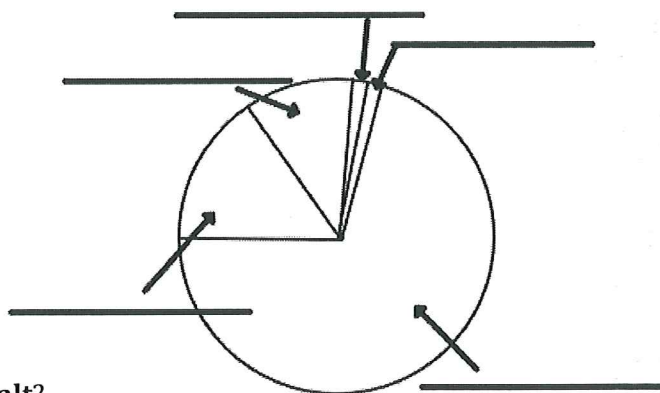
a. _____

b. _____

c. _____

d. _____

7. Pause the video and fill in the **pie chart** to the right using the correct labels.



8. What two elements combine to create **table salt**?

a. _____

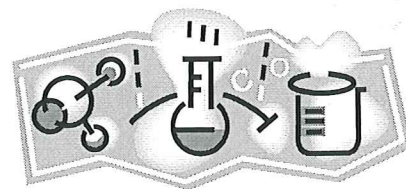
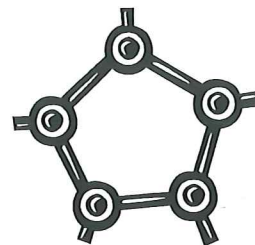
b. _____

Meet the Elements Song

Name _____

Directions: Fill in as many answers as you can as you listen to the song. Use the symbol for elements the for chemical formula for compounds. Make sure they are in the correct format!

1. What is the symbol for iron? _____
2. What is the symbol for oxygen? _____
3. What element forms coal and diamonds? _____
4. What is the chemical formula for sand? _____
5. What is the symbol for phosphorus? _____
6. What gas would be used to light up a sign for a pizza place? _____
7. What three elements are in coins? _____, _____, & _____
8. What elements combine to make glass and concrete? _____ & _____
9. What is the chemical formula for sugar? _____
10. What is the symbol for aluminum? _____
11. What elements combine to make propane? _____ & _____
12. What is the symbol for the element in thermometers? _____
13. What element fills balloons and is found in stars? _____
14. What element might fuel our cars? _____
15. What four elements are in all living things? _____, _____, _____, & _____
16. What is the chemical formula for water? _____
17. What is the symbol for gold? _____
18. What elements combine to make salt? _____ & _____
19. What is the symbol for silver? _____
20. What is the chemical formula for chalk? _____
21. What element is used to make filaments for light bulbs? _____



Assignment:

- **Pick 5 elements from the periodic table – any five!**
- **List them by name and chemical symbol.**
- **Use resources to find 3 uses for each one!**

Links are available at <http://sciencespot.net/> → Kid Zone → Periodic Table Links