

Name _____

Period _____

Regents Biology

Date _____

CARBOHYDRATES REVIEW

1. List 3 foods that contain mostly carbohydrates. _____

2. Carbohydrates are chains of what smaller organic molecule? _____

3. Draw a simple picture of this smaller building block molecule.

4. List 3 ways that living creatures use carbohydrates.

a. _____

b. _____

c. _____

5. Give 2 examples of carbohydrates in living organisms.

6. List the names of 3 sugars. _____

7. Most sugars end in what 3 letters? _____

8. Another name for a sugar is... _____

9. What is meant by a monosaccharide? _____

10. What is meant by a disaccharide? _____

11. What is meant by a polysaccharide? _____

12. What is the molecular formula of glucose? _____

13. Which carbohydrate do plants store for later energy use? _____

14. Which carbohydrate do animals store for later energy use? _____

15. Which carbohydrate makes up the cell walls of plants? _____

d. Can we digest this carbohydrate? **YES** **NO**

e. If not, what function does it serve when we eat it?

16. If you need a quick shot of energy in the next hour what should you eat? Why?

17. Why does an athlete eat a lot of pasta the night before a game?

18. Why do carnivores have to eat meat?

19. If cellulose is very hard to digest, then how are herbivores (like cows) able to get enough nutrition out of just eating leaves and grass?

