

7th Grade Assignment Sheet ----- POD B

Date 5-7-12

Science: Shari Hudgeons Book: Yes No

15.2 & 15.3 - Read & Discuss Digestive Process

* Digestive Review & Reinforce W.S. (attached)

Math: Katie Johnson Book: Yes No

1st hr - NO HW → Study for test.

3rd hr - W.S. 2-D, Mrs. J. Gore,
Due @ end of class

Communications: Sandi Armbruster Book: Yes No

Character Project

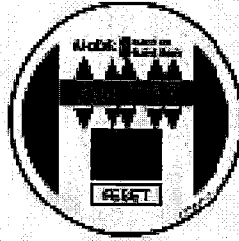
Social Studies: Larry Criddle Book: Yes No

See Attached

Criddle

May 9, 2012

REFORM T-Shirts DUE
Grade Review Question Chapter 8
Video Yearbook



7

May 9, 2012

8

~~Read Chapter 13
Write an essay (detailed at least one page)~~

Where the Red Fern Grows.webs

Where the Red Fern Grows Chap

Where the Red Fern Grows 12-1

CHAPTER 15 (T)
Questions 12-15

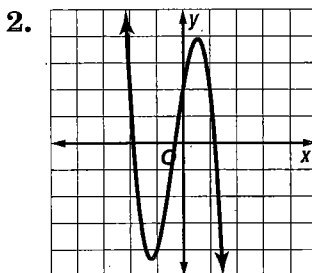
VIDEO YEARBOOK

7 Chapter 7 Test, Form 2D

*review
not a test*

For Questions 1 and 2, determine whether each relation is a function.

1. $\{(-2, 4), (0, 5), (2, 4), (3, 5), (-2, 1), (1, 4)\}$



1. _____

2. _____

*3rd hr
Due @ end
of class*

3. The table shows the average commuting time for workers in cities. Is this relation a function? Describe the relationship between the working population and the average time spent

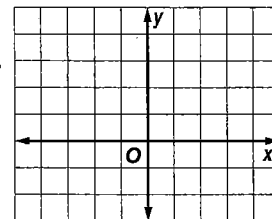
Number of Workers (hundred thousands)	38	16	12	5	4
Time of Commute (minutes)	35.3	26.5	24.8	24.4	21.6

3. _____

E.C

4. Find four solutions of $4x - 3y = 2$. Write the solutions as ordered pairs.
5. Graph $y = -2x + 3$ by plotting ordered pairs.

4. _____



5. _____

6. Find the rate of change for the function.

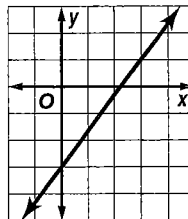
Time (h)	Wages (\$)
x	y
5	25
10	50
15	75

6. _____

7. ~~The cost of gasoline varies directly with the number of gallons bought. If 4 gallons of gasoline cost \$8.80, find the cost of 15 gallons.~~

7. _____

8. Use the graph at the right. Find the slope of the line.



8. _____

9. Find the slope of the line that passes through the points $A(5, -1)$ and $B(3, -1)$.

9. _____

10. The table shows the percent of adults who used computers from 1984 through 1993. What was the rate of change from 1989 to 1993? Source: www.census.org

Year	1984	1989	1993
Percent of Adults	18	28	36

10. _____

11. State the slope and the y-intercept of the graph of $5x - 2y = 6$.

11. _____

Assessment

7 Chapter 7 Test, Form 2D *(continued)*

12. The number of miles y in a measure varies directly as the number of kilometers x . Write a direct variation equation that could be used to convert kilometers to miles, if 5 kilometers is about 3.1075 miles.
13. State the slope and the y -intercept of a graph that represents the linear data in the table.

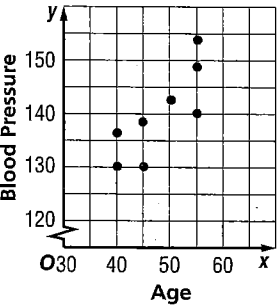
x	-1	1	5	7
y	-14	-4	16	26

14. Graph a line with slope $\frac{3}{2}$ and y -intercept -1 .

15. What is the slope of $y = 5x + 1$?
16. What is the y -intercept of $y = -4x$?
17. What is the equation in slope-intercept form of a line with slope of -4 and y -intercept of 2 ?
18. What is the equation in slope-intercept form of a line passing through points $(2, 5)$ and $(3, 7)$?

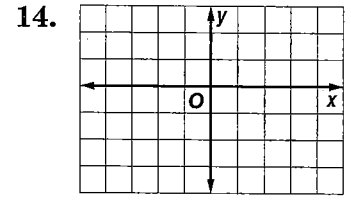
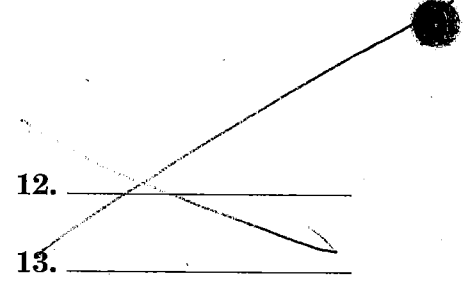
For Questions 19 and 20, use the scatter plot at the right that shows the relationship between the blood pressure and ages of different people.

19. Draw a best-fit line for the data.



20. Predict the blood pressure of a 20-year old.

Bonus The profits P in dollars from a lemonade stand can be modeled by the equation $P(x) = 0.25x - 6.50$, where x represents the number of glasses sold. Find the y -intercept and explain what it represents in this problem. **B:**



15. _____
16. _____
17. _____

18. _____

19. _____
20. _____

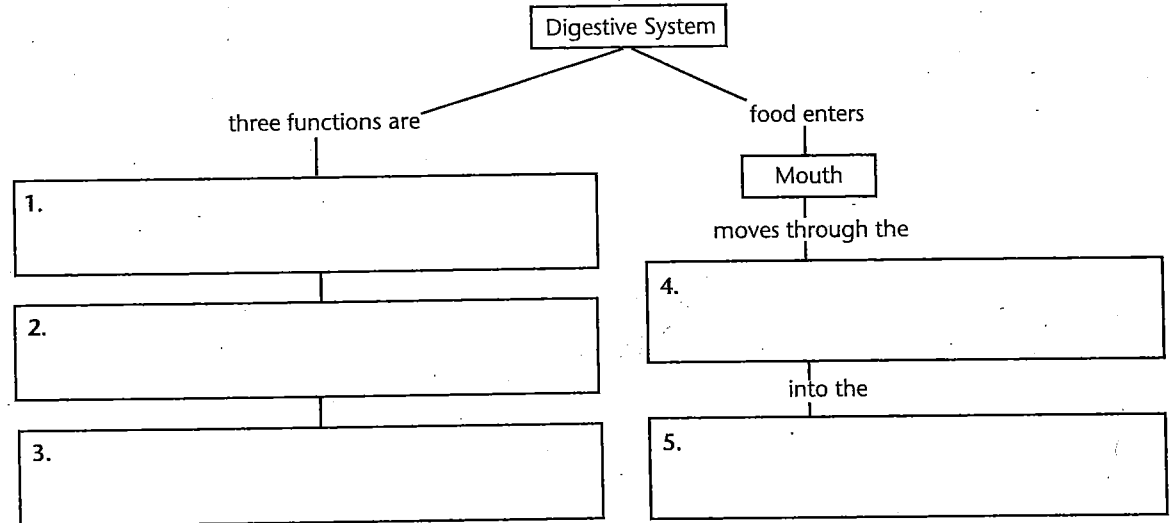
Food and Digestion ▪ *Review and Reinforce*

Helson

The Digestive Process Begins

Understanding Main Ideas

Fill in the blank rectangles to complete this concept map.



Answer the following in the space provided.

6. Explain the difference between mechanical digestion and chemical digestion.

Building Vocabulary

Fill in the space to complete each sentence.

7. When you swallow food, a flap of tissue called the _____ seals off your windpipe.
8. _____ is a thick, slippery substance that lines the esophagus.
9. The process of _____ involves the movement of nutrients through the wall of your digestive system into your blood.
10. Involuntary waves of muscle contractions that keep food moving in one direction through the digestive system are called _____.
11. Most mechanical digestion occurs in the _____.
12. The _____ connects the mouth and the stomach.
13. In your mouth, _____ mixes with food to moisten it.
14. The process of breaking down food into small nutrient molecules is called _____.
15. A protein that speeds up chemical reactions in the body is a(n) _____. Chemical digestion is accomplished by these proteins.

Food and Digestion ▪ *Review and Reinforce*

Final Digestion and Absorption

Understanding Main Ideas

Place a check mark in the correct column.

Characteristic	Small Intestine	Large Intestine
1. Contains bacteria that feed on material passing through.		
2. Most absorption of nutrients occurs here.		
3. Is lined with villi.		
4. Is directly attached to the stomach.		
5. Prepares wastes for elimination from the body.		
6. Most chemical digestion occurs here.		
7. Receives bile and enzymes from other organs.		
8. Is the last section of the digestive system.		

Food and Digestion

Answer the following questions on a separate sheet of paper.

9. What happens to the water contained in the materials that pass into the large intestine?
10. What is bile?

Building Vocabulary

Match each term with its function by writing the letter of the correct function in the right column on the line beside the term in the left column.

- | | |
|---------------------|---|
| ___ 11. liver | a. stores bile |
| ___ 12. gallbladder | b. tiny finger-shaped structure in the small intestine in which absorption occurs |
| ___ 13. pancreas | c. solid wastes exit the body through this opening |
| ___ 14. rectum | d. produces bile |
| ___ 15. anus | e. structure in which waste material is compressed into solid form |
| ___ 16. bile | f. produces enzymes that flow into the small intestine |
| ___ 17. villus | g. breaks up fat molecules |