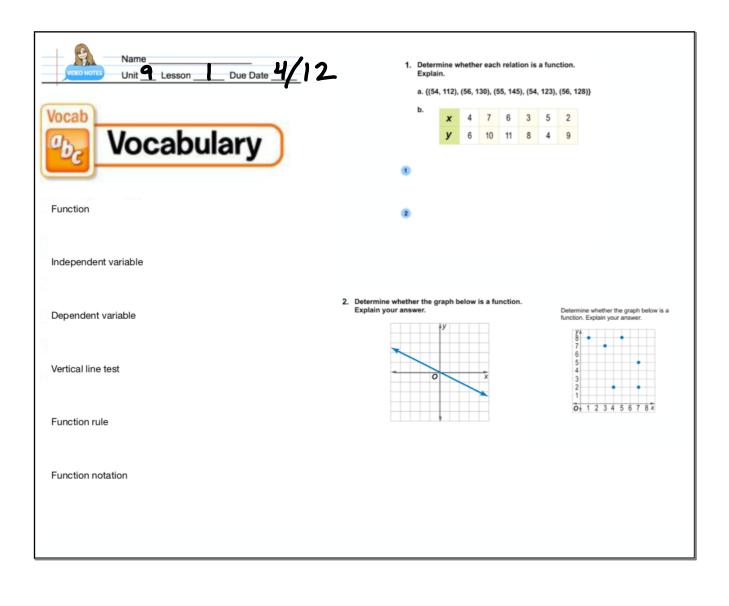


TTTLE:

Functions

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Date	Lesson	Topic/Assignment
4/12	I	Functions Video Notes
4/13	1	HOMEWORK: Pg 387WS
4/13	I	GLASSWORK: Skills Practice WS
4/14	2	Rep of Functions Video Notes
4/15	2	HOMEWORK: Pg 393 WS
4/15	2	HOMEWORK: Skills Practice WS
	1	



3. If $f(x) = 4x - 7$, find each function value. a. $f(5)$ b. $f(-6)$	 Mariah spent \$22.50 downloading songs to her digital music player from an online music store for \$0.90 each. Identify the independent and dependent variables. Then write a function to represent the total cost of any number of songs. Use the function to determine the number of songs that Mariah downloaded.
	1 a.
If $f(x) = 6x + 5$, find each function value. a. $f(7)$ b. $f(-4)$	Words total cost = cost per song times the number of songs Function The function is
	4 b. Write the function.
	Substitute 22.5 for c(s).
	Divide each side by 0.9.
	So, Mariah downloaded songs.



HOMEWORK
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Name

Unit Lesson

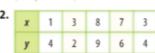
Due Date

Show your work on the lines UNDER THESE PROBLEMS. You will not get credit for doing the homework if you do not show work. LABEL each problem and go down the left margin. Use the back if necessary.

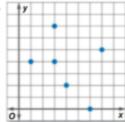
Guided Practice

Determine whether each relation is a function. Explain. (Examples 1 and 2)

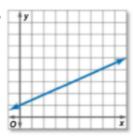
1. {(8, 2), (4, 3), (6, 5), (1, 5)}



3.



4.



If f(x) = 6x - 4, find each function value. (Example 3)

5. *f*(3)

6. *f*(−5)

7. f(8)

8. f(-9)

- 9. The Milligan family spent \$215 to have their family portrait taken. The portrait package they would like to purchase costs \$125. In addition, the photographer charges a \$15 sitting fee per person in the portrait. (Example 4)
 - a. Identify the independent and dependent variables. Then write a function to represent the total cost of any number of people in the portrait.
 - b. Use the equation to find the number of people in the portrait.

Pg397