Name		Date	Per
GSE Algebra	Functions Practi	ce	Unit 2B
Write each of the following in fu	unction notation. Give each one	a different "nam	ie."
1. $y = 5x - 4$	2. $y = t^2 + 6t$	3.	$y = 7x^2 - 4x + 2$
If $f(x) = 2x + 1$ , $g(x) = 3x^2$ and h	(t) = 4t – 1, evaluate each of the	e following.	
4. f(3) =	6. h(2) =	8.	g(5) =
5. g(- 1) =	7. h(x) =	9.	f(a) =

A school is going on an overnight trip to Camp Coyote. The school must pay a flat fee, plus an additional cost per student staying overnight. This table shows C(x), the total cost of the trip in dollars for x, the total number of students staying overnight.

x	1	2	3	4	5
C(x)	250	300	350	400	450



16. What is the flat fee charged by the camp for the trip?

Sally is going on a road trip from Atlanta to Florida. The table below tells us the total distance she has traveled, d(t), in t hours.

t	0	1	2	3	4	5
d(t)	0	60	120	180	200	260

17. Plot the data on a graph.

18. Should you connect the dots? Explain.

19. d(4) =	:
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20. What does d(4) represent?

- 21. Find t such that d(t) = 120.
- 22. Find t such that d(t) = 150.
- 23. Describe how the distance traveled changed over time. What may have influenced any discrepancies?