Name _____

Date _____ Pd_____

REPRESENTING PROPORTIONAL RELATIONSHIPS

Shoreside Bikes is a bike rental company that charges tourists by the hour as shown in the table. Use the table to fill in the missing representations.
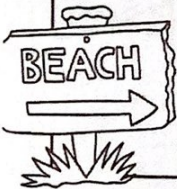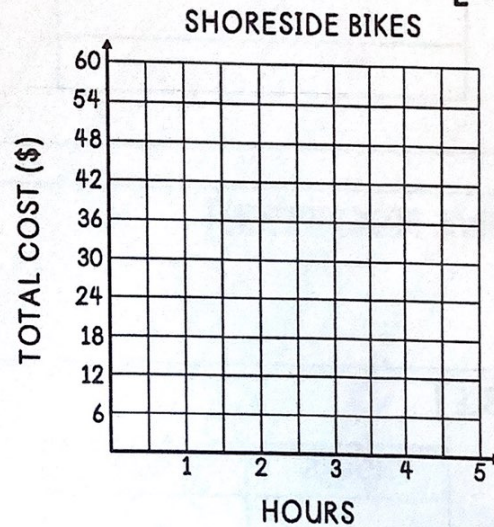
[VERBAL DESCRIPTION]

[EQUATION]

[TABLE]

HOURS	COST ($)
1	
2	$24
3	
4	
5	
6	
7	$84

BEACH

[GRAPH]

SHORESIDE BIKES

TOTAL COST ($): 60, 54, 48, 42, 36, 30, 24, 18, 12, 6

HOURS: 1, 2, 3, 4, 5

1. What is the rate of change and what does it represent in this situation?

2. What does the point (7, 84) represent in this situation?

3. The bike rental company has determined that they will charge based on the nearest half hour. If Mikala rented a bike for 5.5 hours, how much would she be charged?

4. If a customer has $50.00 to spend, how many hours can they rent a bicycle?

* FLIP * There is a back!

Use the given information for each situation below to fill in the missing representations.

[VERBAL DESCRIPTION]	[EQUATION]
	$y = 3x$

[TABLE]

HOURS	# OF PUMPKINS
1	
2	
3	
4	
5	
6	
7	

[GRAPH]

JACK'S HALLOWEEN DECORATING

OF PUMPKINS PAINTED / HOURS

[VERBAL DESCRIPTION]	[EQUATION]

[TABLE]

HOURS	MILES
2	
4	
6	q
8	
10	
12	18

[GRAPH]

JAGUAR'S DAILY MOVEMENT

MILES TRAVELED / HOURS

Summarize today's lesson: