

## Paddle Boat versus 4-Wheeler Rental (pp. 1 of 2)

1. Do the following for each situation:

a) Complete the table for each situation.

You and your family are at a local lake for vacation. You want to rent a paddle boat. The rental fee is \$50 per day.

Number of Days	Process	Cost (\$)
1		
2		
3		
4		
$x$		$y$

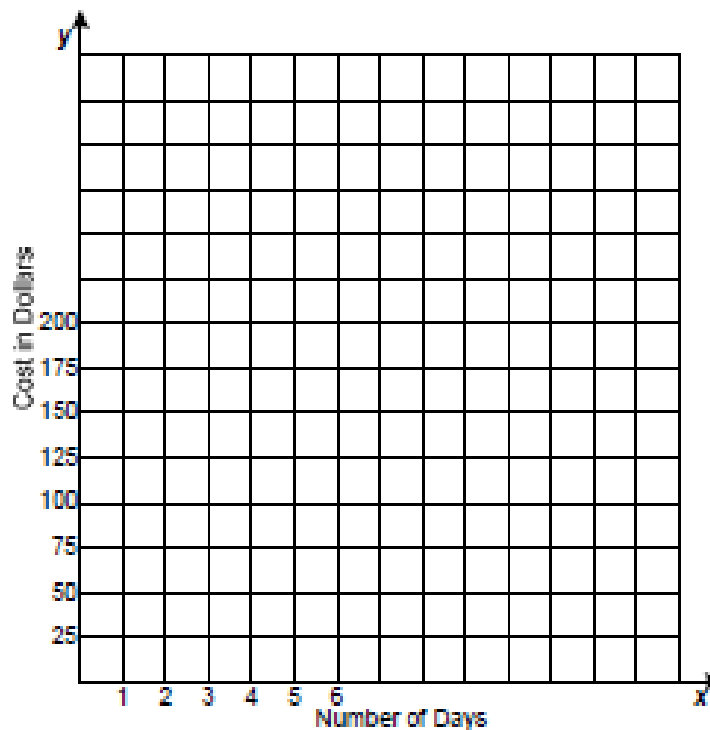
Weldon needed an all terrain vehicle to check the fences bordering his ranch, so he decided to rent a 4-wheeler. Rental fees were \$75 each day with a \$100 deposit.

Number of Days	Process	Cost (\$)
1		
2		
3		
4		
$x$		$y$

b. Write a separate equation that represents the data in the table for each situation.

Paddle Boat Equation:	4-Wheeler Equation:
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c) Graph the data from the table for each situation.



## Paddle Boat versus 4-Wheeler Rental (pp. 2 of 2)

2. Compare and contrast the situations from problem 1. Indicate if the situations represent a proportional or non-proportional relationship. Justify your response.

Paddle Boat	4-Wheeler
Constant of Proportionality $\frac{y}{x}$ :	Constant of Proportionality $\frac{y}{x}$ :
Equation of the Form $y = kx$ :	Equation of the Form $y = kx$ :
Data Linear Shaped:	Data Linear Shaped:
Contains the Origin (0, 0):	Contains the Origin (0, 0):
Proportional: Yes or No	Proportional: Yes or No