You will need your work from the in-class activity, *Jason’s Walk* for this assignment.

1. In Question #5, you created ordered pairs for each situation. Write a sentence that describes the meaning of the ordered pair you wrote for Situation 1 in the context of the situation.

The graph below represents the relationship between the hours Janelle works (independent variable) and the money she earns (dependent variable).



1. How much does Janelle earn per hour? Explain how you found the answer.
2. Make a table of ordered pairs that would appear on this graph. Graph and label each ordered pair.

|  |  |
| --- | --- |
| Hours | Money ($) |
|  |  |
|  |  |
|  |  |

1. Calculate the slope between the first two ordered pairs in your table. Show your work here.
2. How does the slope relate to the Janelle’s situation?
3. Write an equation for the situation using the following variables:

*h* = hours worked (independent variable)

*m* = money earned in dollars (dependent variable)

Jason went walking again. The table below shows some data from his walk.

|  |  |
| --- | --- |
| Input – Time (s) | Output – Distance (m) |
| .5 | 7.5 |
| 2 | 6 |
| 2.5 | 5.5 |
| 4 | 4 |
| 5.5 | 2.5 |

1. Write an equation for Jason’s walk using the following variables.

*t* = time in seconds (independent variable)

*d* = distance in meters (dependent variable)

1. Write a description of Jason’s walk.
2. Graph the line that models Jason’s Walk.

