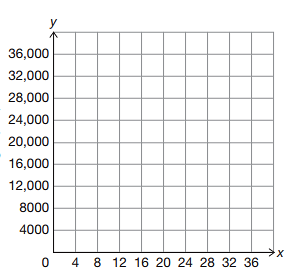


**Linear – Multiple Representations**

**Problem:** An amusement park charges a base fee to enter the park and an additional per ride.

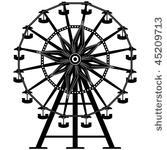


|  |  |
| --- | --- |
| Independent  Variable | Dependent  Variable |
| x | y |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

m = \_\_\_\_\_\_\_

b = \_\_\_\_\_\_\_

y = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



1. What is the meaning of the slope in this situation?
2. What is the meaning of the y-intercept in this situation?
3. How much will it cost to go to the park and ride 3 rides?
4. What about 5 rides? 10 rides? 20 rides? 100 rides?
5. How many rides can you ride for ?

