**Amusement Park Enrichment Worksheet** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Amy has $24. How many rides can she go on?

2. This year, the amusement park decided to offer an all day, all-inclusive package for $30.

 a. Write an equation to model the all-inclusive offer.

 b. Add this second graphical representation to your original graph, which is graphed below.

**Amusement Park**



**Total Cost**

**Number of Rides**

 c. How many rides would you need to ride for the all-inclusive package to be the better deal?

3. Another amusement park prices similarly, with an entrance fee and a cost per ride as given by the graph below.

**Another Amusement Park**



a. What is the entrance fee to this amusement park? Explain how you know.

b. How much does this amusement park charge per ride? Explain how you know.

**Total Cost**

**Rides**