

Name _____

Date _____

Per _____

Activity Statement: Taxi Fare

A taxi company charges an initial fee of \$5 plus an additional \$1.50 for every $\frac{1}{3}$ of a mile travelled.

1. How much would a 1 mile trip cost? Show or explain how you know.
2. Diego and his family need to travel $13\frac{1}{2}$ miles to the airport. How much will they pay for the taxi?
3. Lin and her family need to take a taxi 5.2 miles across town to see a show. How much will they pay for the ride?
4. Andre's family will be using taxis over their vacation. Write an equation that Andre can use to calculate the taxi fare, f , for any number of miles, m , travelled.

5. Create a sketch of the graph that shows distance travelled on the horizontal axis and taxi fare on the vertical axis.

6. Suppose Andre's family pays \$42 for a taxi ride. How much would they pay for a ride that is 1 mile longer?

