Creating and Graphing Multi-Variable Equations

Name: _____ Class Period: _____

Bowling Alley Activity

You have decided that you want to throw your brother a party at one of the bowling alleys in town.

At Cheesy Chuck, each game costs $2.50 plus a $2.00 shoe rental.

At Bozo Bowl, each game costs $2.00 plus a $4.00 shoe rental.

If you plan on having guests bowl 4 games, which place would cost you the least per person to bowl?

Justify your answer by graphing both equations. Does your answer make sense? Hint: 2.50 as a slope can be written as 5/2.