



Lynx Coffee House

Open before school only

Bottomless Mug \$139

Receive one cup of coffee each day you visit

Cup of coffee without the mug costs \$1.89

Three different students buy coffee each week on a regular basis. One only buys coffee once a week, another buys coffee three days a week, and the third buys coffee five days a week. There are 180 school days in a school year.

Your group needs to use some mathematical model (table, graph, equation, picture) to answer the following:

Is the bottomless mug a good deal? Demonstrate if each person would save money and how much money they could save.