Graphing Linear Equations

Many banks charge for out of network ATM use. Out of network ATMs are ones provided by someone other than your bank. While you're away at college, you will have to rely on these out of network ATMs if your local bank does not have a branch near your school. Compare the following checking account fee structures.

	Monthly Maintenance Fee	Out of Network ATM Charge
Hometown National Bank	$5.00	$2.00
Freedom Bank	$1.00	$3.00

1. **Which bank offers a better fee structure for a month of usage? Describe your reasons.**

2. **Is one bank ALWAYS better? What factors might affect which bank has the better fee structure?**

3. **How could you avoid these fees if you are away at school without access to a local branch?**

4. **Practice Drawing Equations On Graphs**
   Use a separate sheet of paper to plot the remaining equations below. First, identify the slope and y-intercept for each of these equations. Then plot the y-intercept and use the slope to plot additional points.

   A. $y = \dfrac{1}{2}x + 3$

   B. $y = \dfrac{2}{3}x - 4$

   C. $y = -\dfrac{2}{3}x$

   D. $y = -x + 1$

   E. $y = -2.5x + 3$

   F. $y = -3x$

   G. $y = x - 5$

   H. $y = 4x - 5$

   I. $y = -5x + 6$