

# MISSING ASSIGNMENT BUYOUT PROGRAM

I am announcing three new deals that will allow students to pay to get credit for assignments they did not turn in. Here are the three deals I'm offering:

The Deal	The Description	The Inequality
One AT A Time	\$10 per assignment	
More Up Front	\$40 initial fee, then \$2 per assignment.	
Flat Fee	\$70 flat fee covers all missing assignments	

1. Which is the better deal for you? Explain.
2. How many missing assignments would you need for the Flat Fee deal to be your best option?
3. Complete the table above by putting in the inequalities that will let students know which option is the cheapest for them based on their number of missing assignments.

The Deal	The Description	The Equation
One AT A Time	\$10 per assignment	
More Up Front	\$40 initial fee, then \$2 per assignment.	
Flat Fee	\$70 flat fee covers all missing assignments	

4. Represent each deal with an equation and fill in the table above. Then graph each equation. Does your graph agree with the inequalities you wrote in the last problem? Explain how it does or doesn't.

