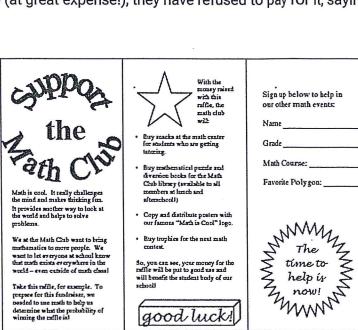
## **Unit 2 Closure Pamphlet Project**

ASSIGNED:	DUE:
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Congratulations! You are now the owner of the city's premiere Line Factory. However, instead of raking in huge offits, you've noticed that you are only breaking even because many customers are ordering the incorrect line. In ter your company has produced the customer's line (at great expense!), they have refused to pay for it, saying it was not the line that they wanted!

**YOUR TASK:** To prevent your customers from ordering the wrong lines, you need to produce a two-sided, tri-fold, colored pamphlet to explain how to order a line. Carefully determine what information should be in the pamphlet so that customers will know how to write their equation in y = mx + b form to get the line they want.

You can view some examples of pamphlets to help determine the layout of your pamphlet. A sample is shown at right. Your pamphlet can contain some advertisements, but remember that it needs to include everything you know about equations and graphs of lines so that your customers can order wisely. Remember to be specific and show examples!



## **DISCUSSION POINTS:**

- How do m and b affect the equation of a line?
- What information does a customer need to know to order a line correctly?
- How could a customer figure out what line to order if he or she only knew two points on the line? One point and the slope?
- How could a customer figure out what line to order if he or she only has a x-y table (perhaps a partially empty table)?
- How could a customer figure out what line to order if he or she only knew the situation (word problem) or pattern?