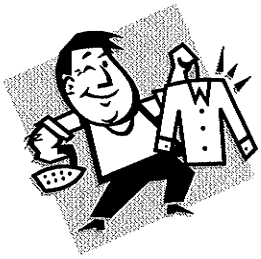
Name: _____
Date: _____

# Where's the Money?



Sergeant Major Carter decided to open a JROTC uniform cleaning service at West Point High School. When he started the business he had to purchase an Ironing Board for $15 and an Iron for $35. Also, he figured it would cost $1.25 in cleaning products for each uniform, so he decided he was going to charge $3.25 for cleaning and pressing one entire uniform.

1. Write a system of equations that would represent the above scenario.

2. How many uniforms does the Sergeant Major have to clean in order to break even? Show your Work. If you choose to use the graphing method, please use the grid provided.

3. If the Sergeant Major cleans fewer uniforms than what you determined in #3, what does it mean?

4. If the Sergeant Major cleans more uniforms than what you determined in #3, what does it mean?