Modeling Task:\_\_\_\_\_\_\_\_\_\_\_\_\_

# Questions

What questions do you have about this situation?

Write down the question that the class decided to model:

# Guess

Give a guess that is too high:

Give a guess that is too low:

Give your most reasonable guess:

# Identify Relevant Variables

What variables are important in this situation? Make a list.

# Record Relevant Information

Write down all the information you might use to answer the question. This may include any assumptions you make to simplify the problem.

# Model

This is your space to try different ideas and use the information you have to answer the question. Show all your thinking on paper.

# Test Your Model

Compare your model to reality. Check your model for errors in calculation and fix them. After you have fixed all calculation errors, what else could you have included to make your model more accurate?