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. Assuming you did the math correctly, why is your answer still not perfect? Give a few reasons.