**Fermi Problem Assignment**

Your task is to choose one Fermi Problem from the list and come to an approximate solution.

You will include a write up that clearly outlines your plan to solve the problem and includes the assumptions that you made. Include justifications for your assumptions.

Marking Rubric:

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | 2 | 3 | 4 |
| |  | | --- | | * Calculations/estimates are provided but may or may not be reasonable * There is no written explanation to support the math * Explanations do not make use of grade appropriate mathematical language * An explanation of how you approached the problem was not described | |  | | * Calculations/estimates are reasonable * There is little to no written explanation to support the math * Explanations using mathematical language is not up to grade level * An explanation of how you approached the problem is described, but may be lacking in detail | * Calculations/estimates are reasonable * There is written explanation to support the math * Explanations using mathematical language is up to grade level * An explanation of how you approached the problem is described | * Calculations/estimates are reasonable * The written explanation to support the math is clear and detailed * Explanations using mathematical language is up to grade level * An explanation of how you approached the problem is described in detail |