**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:

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| --- | --- | --- | --- |
| 1 | 2 | 3 | 4 |
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| * 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
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|  |

 | * 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
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