Name _____

How Likely Is the Next Word?

Large Language Models (LLMs) don't just pick the next word randomly. They predict how *likely* each word is. Some words are very likely, some are possible but less likely, and some are very unlikely. In this activity, you'll practice ranking words just like an LLM does.

Directions - For each sentence, you'll see three possible next words. Rank them by filling in the boxes:

- **Most Likely (✓✓)** → the word that makes the most sense (70%)

- **Less Likely (✓)** → a word that could work, but doesn't fit as well (25%)

- **Unlikely (✗)** → a word that feels wrong in context (5%)

Example - Sentence: The cat drank the ___
            Choices: ____ milk   ____ book   ____ water

Your ranking: milk → **Most Likely (✓✓)**, water → **Less Likely (✓)**, book → **Unlikely (✗)**

1. The sun sets in the ___   __ east   __ west   __ kitchen

2. She put her phone on the ___   __ table   __ ceiling   __ chair

3. The baby started to ___ when he was tired. __ sleep   __ paint   __ run

4. The farmer planted corn in the ___   __ field   __ shoe   __ garden

5. After school, David did his ___   __ homework   __ swimming   __ clouds

6. The dog barked at the ___   __ stranger   __ sandwich   __ park

7. Sarah brushed her ___ before bed.   __ teeth   __ shoes   __ paper

8. The teacher erased the ___ from the board. __ words   __ sandwich   __ numbers

9. The runner crossed the finish ___   __ line   __ tree   __ movie

10. At the restaurant, they ordered ___   __ food   __ homework__ water