## Artificial Intelligence, Mental Images, and Brain Scans

Brain Studies Name and Block:

## **Reading Comprehension Questions**

After reading the article AI Re-creates What People See By Reading Their Brain Scans answer each of the following questions in the space provided. Write neatly. If I can't read it it will be returned to resubmit.

1. According to the article, what are some potential future applications of the AI technology discussed? Cite specific examples from the text.

2. Describe how the Stable Diffusion algorithm interprets brain activity to re-create images. What regions of the brain are involved, and what information do they provide? Reference details from the study. 3. What challenges did the researchers encounter when using the AI system, and how did they address these challenges? Provide examples from the text to support your response.