

WHILE LISTENING

5  5.4 Listen to the lecture. Check (✓) the questions that the lecturer answers in his presentation.

- a How do humans navigate?
- b How do humans lose memory ability as they age?
- c How does memory loss relate to the hippocampus?
- d How does navigation experience affect the human brain?
- e How do maps impact human cognition?

6  5.4 Listen again and take notes. Then use your notes to complete these statements about the main ideas in the lecture. Compare your work with a partner.

1 Scientists have established that the hippocampus _____.

2 Humans use two forms of navigation: _____ and _____.

3 Research results suggest that the _____ navigation strategy leads to the creation of mental maps.

4 Recent studies suggest that the constant creation of mental maps may result in _____.