

## Maths in the Wild: The Maths and Neuroscience of Walking- MCQs (Answers)

1. Which sense is most important for balance? (Answer: D)

- A. Visual
- B. Auditory
- C. Taste
- D. Vestibular

2. Which sense tells you where your limbs are? (Answer: B)

- A. Vision
- B. Proprioception
- C. Hearing
- D. Taste

3. Why combine sensory information? (Answer: B)

- A. Increase confusion
- B. Reduce error
- C. Slow decisions
- D. Ignore senses

4. Which experiment removes visual information? (Answer: A)

- A. Blindfold
- B. VR
- C. Memory task
- D. Graph

5. What happens to memory with more objects? (Answer: C)

- A. Improves
- B. Stays same
- C. Perfect
- D. Gets worse

6. Which condition is most accurate for walking? (Answer: C)

- A. Vision only
- B. Body only
- C. Combined
- D. No cues

7. What does sensory weighting mean? (Answer: B)

- A. Ignore senses
- B. More trust in reliable cues
- C. Use muscles
- D. Only vision

8. Why use virtual reality? (Answer: D)

- A. Entertainment
- B. Improve memory
- C. Remove walking
- D. Control Sensory Information

9. How does maths help this research? (Answer: B)

- A. Decoration
- B. Prediction
- C. Entertainment
- D. Guessing