

# Brain Basics — Answer Key

Use these solutions to review and discuss.

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## Multiple Choice Answers

1. B) Occipital
  2. B) Forming new memories
  3. B) Brainstem
  4. A) Temporal lobe
  5. A) Cerebellum
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## Short Answer Guidance

1. NREM strengthens and stabilizes memories; REM links ideas and supports emotion, aiding integration and creativity.
2. When results are better than expected, dopamine spikes (prediction error) and speeds learning of the action or cue that led to the success.