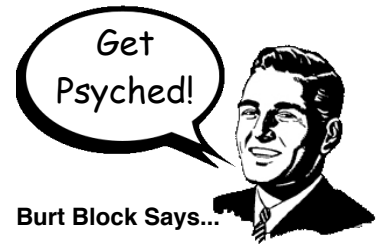




BODY STORY: Baby Brain

Video Guide



1. The video explains that the brain has 50 billion brain cells (neurons) in the cerebral cortex. What's missing between them? _____
2. What part of Robert's brain triggers Robert to cry when hungry? _____
3. How does Robert's body combat disease? _____

4. Describe Robert's vision? _____

5. What can Robert's vision recognize? _____

6. What type of pattern improves Robert's vision? _____
7. Why does Robert smile the SECOND time. _____

8. According to our notes what psychologist or approach to psychology best explains this? _____

9. How many connections is Robert's cortex making? _____
10. Why does the cerebral cortex "crinkle up"? _____

11. Glial cells coat the strong connections with a layer of fat. According to our notes, what is this layer of fat called? _____
12. At the beginning of the video, it says that Robert, the baby, is born with a half of brain. What does this mean, is he really born with only 1/2 of his brain? _____

Name **KEY - Video link at bottom of page** _____ Date _____ Period _____



BODY STORY: Baby Brain Video Guide



1. The video explains that the brain has 50 billion brain cells (neurons) in the cerebral cortex. What's missing between them? **1. connections between them**
2. What part of Robert's brain triggers Robert to cry when hungry? **2. primitive brain**
3. How does Robert's body combat disease? **3. Nursing or breast feeding. When Robert's mother is exposed to germs, his mother makes antibodies and those antibodies are passed down to Robert during breastfeeding.**
4. Describe Robert's vision? **4. blurry - no distinct colors or shapes he sees what he hears**
5. What can Robert's vision recognize? **5. faces**
6. What type of pattern improves Robert's vision? **6. Bold regular pattern**
7. Why does Robert smile the SECOND time. **7. Robert is reinforced to smile from attention from his parents**
8. According to our notes what psychologist or approach to psychology best explains this? **8. B.F. Skinner, John B. Watson, or Behaviorism**
9. How many connections is Robert's cortex making? **9. 2 million connections a second.**
10. Why does the cerebral cortex "crinkle up"? **10. To fit more cortex in his skull**
11. Glial cells coat the strong connections with a layer of fat. According to our notes, what is this layer of fat called? **11. Myelin or Myelin Sheath**
12. At the beginning of the video, it says that Robert, the baby, is born with a half of brain. What does this mean, is he really born with only 1/2 of his brain? **12. Robert is born with a brain full of neurons, but there are not any connections between them.**

Two Video Links: <https://www.youtube.com/watch?v=XDh72Yqo3v4>
<http://www.dailymotion.com/video/x49g98w>