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Phineas Gage Chapter 1: Cause & Effect and Problem & Solution

Your task is to recognize cause and effect and problem and solution relationships in chapter one. Some C/E and P/S relationships provided may be stated, but others might be inferred. You must provide details from the text as your answer.

1. With none of our current technology available, what is the **solution** to laying railroad in 1848?

2. What is the **effect** of black powder becoming damp?

3. Explain the **cause** for the upward direction of the explosion's force leading to Phineas' injury.

4. What was the **effect** of Phineas averting his attention from the fuse?

5. What was the **cause** of the explosion?

6. Problem: Phineas needs to get to town quickly to see a doctor.

Solution:

7. Problem:

Solution: The Irishman retrieved Dr. Williams from the next village.

8. What is Dr. Harlow's **solution** to get Phineas' skull back together?

9. Phineas' wound needs to drain, so what was the **solution**?

10. Cause: A brain continues to swell in a closed-brain injury.

Effect:

11. **Cause:**

Effect: Phineas' brain has room to swell.

12. What is the **cause** of infections?

13. Would it be accurate to infer that Phineas doctor doesn't know his fever is an **effect** from an infection?
Explain your answer with evidence from the text.

14. Problem: Invading bacteria in a human body.

Solution:

15. **Problem:**

Solution: Bacteria cranks out toxic chemicals.

16. What actions specifically **caused** the decrease in deaths from infection after surgery?

17. Cause: Phineas' abscess is lanced and the pus is drained.

Effect:

18. Would it be accurate to infer that Phineas' recovery from the infection is only due to good luck?
Explain your answer with evidence from the text.

19. Problem: Dr. Harlow needs to bring Phineas' four liquids into balance.

Solution:

20. What challenged, changed, or confirmed what you knew about doctors and medicine in the 1800's?
Use an appropriate sentence starter and elaborate upon your thoughts. It should be clear what your thoughts were and why before reading chapter 1 and what your thoughts are now and why.
