

Percy Julian: Forgotten Genius Video
Physical Science A
2 points

Name: _____

Date: _____ Hour: _____

As you watch the video, do your best to answer the following questions.
This worksheet is due at the end of the hour whether you finish or not.

1. What type of flower did Percy Julian grow? _____
2. Where was Percy Julian born? _____
3. Why did Percy Julian's father create a library at home? _____

4. What job did Percy Julian's parents have? _____
5. Percy Julian was the first in his family to _____.
6. Where was Percy Julian's room at the fraternity? _____
7. What did Percy Julian have to do during his first two years of college? _____

8. What two colors of flame were shown on the video? _____
9. Percy Julian graduated _____ in his class.
10. What did Percy Julian's brothers become? _____
11. Where did Percy Julian get a scholarship? _____
12. When did Percy Julian earn his Master's degree? _____
13. In what European country did Percy Julian study? _____
14. What was the main branch of chemistry in the 1920s? _____

15. Name two alkaloids: _____
16. When was Percy Julian back in the lab each morning? _____
17. What are alkaloids (and most compounds) made of? _____
18. What is one of nature's building blocks? _____
19. How do you figure out a chemical's structure? _____

20. When did Percy Julian return to America? _____
21. What color was the bean? _____
22. What is synthesis? _____

23. What is a methyl group? _____
24. What device did Percy Julian rely on? _____
25. At what temperature did the crystals melt? _____
26. How did chemists take a melting point? _____

27. When did Percy Julian marry Anna? _____
28. What did DuPont offer Percy Julian? _____
29. What plant did Percy Julian study in Chicago? _____
30. Where did soybeans come from? _____
31. Who was the unlikely champion? _____
32. What did Glidden make/produce? _____
33. What was one use of the alpha protein? _____
34. What was one positive of this video? _____

35. What was one negative of this video? _____

36. Should this video be shown to students next year? Give a reason for your answer. _____

