

Name: _____

Hr: _____

**NOVA: Secret of Photo 51
Video Worksheet**

1. List the names of at least 4 important scientists from the video.
2. What was Rosalind Franklin trying to do at the same time as Watson and Crick?
3. Who was awarded the Nobel Prize in 1962?
4. How did Watson describe Franklin in his book?
5. Why wasn't Franklin able to defend herself as portrayed in Watson's book?
6. Describe Franklin's early years.
7. Where did Franklin study physics and chemistry?
8. How did Franklin contribute to the war effort?
9. What did Franklin perfect when she began working in Paris?
10. What often forced Franklin to suspend her work for weeks at a time?
11. What was Franklin main assignment when she began working in Paris in 1951?

12. Describe the relationship between Franklin and Wilkins.
13. How many forms of DNA does Franklin initially photograph?
14. What does the "x" shape prove?
15. What approach did Watson and Crick use to find the shape of DNA?
16. What does Franklin finally name her best "B form" picture?
17. How did Watson and Crick get Franklin's picture/work?
18. Why didn't Franklin get any credit for her work?
19. What was the general theme of her work after leaving King's?
20. What disease was Franklin diagnosed with and what was the probable cause?
21. If you were Franklin and you learned that Watson and Crick used your work without crediting you, how would you feel? Why?
22. If you were Watson or Crick, what would you have done? Would you have down played the role of Franklin's work to publish quickly? Why or why not?