Assignment:\_\_\_\_\_

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour:\_\_\_

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| --- | --- | --- |
| Scientist: | Date of majority discovery: | Describe what they are famous for: |
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***Secret of Photo 51***

1.  List the names of at least 4 important scientists from the video.

2.  How long did Franklin’s x-ray crystallography photo take to expose?

3.  Who was awarded the Nobel Prize in 1962?

4.  What book did James Watson publish in 1968?

5.  How did Watson describe Franklin in his book?

6.  How old was Franklin when she died and what was the cause?

7.  Who objected to Watson’s book?

8.  Describe Rosalind Franklin’s early years.

9.  Where did Franklin study physics and chemistry?

10.  How did Franklin contribute to the war effort?

11. Where did Franklin go after the war?

12.  For what were lab workers periodically checked?

13.  Of whom did Franklin ask advise?

14.  What did the letter ask Franklin to begin studying?

15.  How bases were discovered?

16.At what college did Franklin work with Maurice Wilkins?

17.  When did Franklin begin working with Wilkins and Gosling?

18.  Who was James Watson and from where did he come?

19.  Where is Watson invited by Sir Louis Bragg?

20.  When did Franklin report her findings of DNA forms A and B?

21.  What does the “x” shape prove?

22.  What approach did Watson and Crick use to find the shape of DNA?

23.  Who was the American scientist that spurred Watson and Crick to ask Franklin for her work?

24.  How did Watson and Crick get Franklin’s picture/work?

25.  Why did Franklin get any credit for her work?