

## Mathematician Scavenger Hunt

1. What is the 'witch of Agnesi'?
2. How many brothers and sisters did Marie Agnesi have?
3. What extraordinary thing did Marie Agnesi accomplish at the age of 9?
4. How many languages had she learned?
5. How was education for women like Marie Agnesi viewed in the Middle Ages?
6. What was different about Italy and its beliefs at this time?
7. What career did Lady Byron not want Ada Lovelace to be?
8. What was Ada's favorite subject at age six?
9. What was Ada king most noted for, which many believe to be the first of its kind?
10. What are four of Lovelaces vices?
11. What moved Sophie Germain to become a Mathematician? Explain why?
12. What pseudonym did Sophie Germain adopt and why?
13. What is Sophie Germain's main mathematical accomplishment?
14. Why did Sophie not appear to accept her award from the 1815 competition?
15. What does Sophie Germain's death certificate list her occupation as?
16. During World War II, where did Louise Hay and her brother escape to ?
17. How did Louise Hay support her family when she was in High School?
18. How did Louise Hay support herself through college?
19. What award is named after Louise Hay and what is its purpose?
20. Who persuaded Euler to pursue math as a career?
21. How many children did Leonard Euler and his wife have?

22. What was the health problem Euler hid from his family and what happened as a result of the illness?
23. Name 6 mathematical contributions that we owe to Euler.
24. Write a short synopsis on Leonhard Euler's book 'Analysis Infinitorum'.
25. What did Leonhard Euler die from?
26. Who is Rene Descartes and how did he change geometry?
27. What did the placard have on it that Rene Descartes was asked to read by Isaac Beeckman.
28. Describe Descartes' personality?
29. What were Descartes' main contributions to mathematics?
30. Why did Descartes not get up before 11am?
31. Why is the birth date of Charles Babbage so unclear?
32. Babbage is the originator of what technology?
33. What other mathematical contributions is Babbage credited for?
34. What led him to this invention?
35. What tragedy happened in 1827?
36. When was it first noticed that Carl Gauss had a potential for math?
37. What is the sum of the numbers from 1 to 100?
38. Besides modular arithmetic, what other discoveries did Gauss make?
39. **Okay, who was paying attention? Answer the following. They could be anywhere?**
40. Whose illness led them to die of pneumonia?
41. Who went blind because of an illness?
42. Who applied algebra to Geometry?
43. Who corrected his father's computations at the age of three?

44. Which mathematician led a sultry life?
45. What was the first computer capable of calculating?
46. What mathematician studied in this webquest worked closely with Charles Babbage?
47. Who spent most of their life helping the poor and the sick?