MathFLIX CHALLENGE
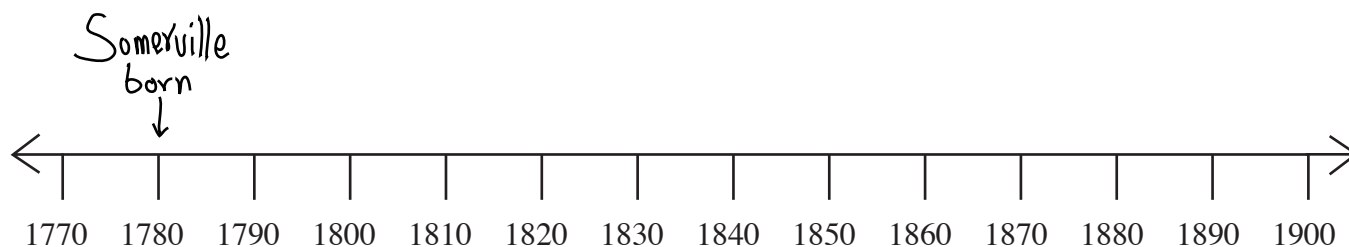## Linking Ancient Mathematicians to Today's Computer

Complete this timeline by solving the riddles below.

Somerville
born
↓

1770 1780 1790 1800 1810 1820 1830 1840 1850 1860 1870 1880 1890 1900

Birth of Mary Somerville. The sum of my thousands and hundreds digits is equal to the sum of my tens and ones digits The two-digit number formed by my tens and ones digits is 4/5 of 100. *1780*	**Ada Byron Lovelace Meets Mary Somerville.** My ones digit is the only even prime number and my tens digit is the smallest odd prime number. My hundreds digit is 1/4 of the value of the two digit number created by my tens and ones digits. The sum of all of my digits is 14.
Mary Somerville solves her first algebra puzzle. If the two-digit number formed by my tens and ones digits is the measure of an angle in a triangle, that triangle would be obtuse. My ones digit is 1/3 of my tens digit. The sum of my thousands and hundreds digits is 2/3 of the sum of my tens and ones digits.	**Charles Babbage begins work on analytic engine.** The two-digit number formed by my hundreds and tens digit is 2 more than the square of 9. The two-digit number formed by my thousands and ones digits is the sixth prime number.
Charles Babbage begins work on difference engine. The two-digit number formed by my thousands and hundreds digits could be the area of a 6 by 3 rectangle. The tens digit is the first prime number, the ones digit is the second prime number.	**Mary Somerville introduces Ada Byron Lovelace to Charles Babbage.** The sum of my digits is 16. The hundreds digit is 2^3 and the ones digit is half of 2^3.
Charles Babbage publishes table of log for 1 to 108,000. The sum of my digits is a multiple of 9. The number formed by my thousand and hundred digits is the second multiple of 9. The number formed by my tens and one digits is the third multiple of 9.	**Death of Mary Somerville.** The two-digit number formed by my tens and ones digits is four times the two-digit number formed by my thousands and hundreds digits. The two-digit number formed by my thousands and hundreds digits is divisible by 9.