

MathFLIX CHALLENGE

Napier Timeline Puzzle

Napier
Born

1550 1555 1560 1565 1570 1575 1580 1585 1590 1595 1600 1605 1610 1615

Napier Born. If my units digit were one greater, my date would be a palindrome. The sum of my thousands, hundreds and tens digits is 11.

1550

Wife dies at 27. All my digits are odd numbers and none of them repeat. My units digit is a square number and is 180% greater than my hundreds digit. The two-digit number formed by my thousands and tens digit is the third prime number between 10 and 20.

Napier goes to the University of St. Andrews. My tens digit is twice my units digit and one more than my hundreds digit. The two-digit number formed by my thousands and hundreds digits is divisible by 3 and 5.

Napier publishes his invention of logarithms. The two-digit number formed by my thousands and hundreds digits is the square of the number 4. My units digit could be the length of the side of a right triangle with a side length of 3 and a hypotenuse of 5. The sum of my thousands, tens, and units digits is equal to my hundreds digit.

Napier Married. All my digits are odd numbers and none of them repeat. The two-digit number formed by my thousands and hundreds digits is five times my units digit and one more than twice my tens digit.

Napier's paper on logarithms was translated into English. The two-digit number formed by my tens and units digits is the fourth power of 2. If my thousands and hundreds units were reversed I would be a palindrome.

Birth of 1st child. My units digit is one greater than my hundreds digit and one less than my tens digit. The two-digit number formed by my thousands and units digit could be the area of a square with a side length of 4.

Napier Dies. The two-digit number formed by my tens and units digits is exactly one more than the two-digit number formed by my thousands and hundreds digits. The sum of all my digits is 15.