My brother gave me a set of table mats he bought in Nexico. They were rectangular and were made of straw circles joined together in the form shown in the picture \rightarrow All the circles on the edges of each mat were white and the inner circles red. I noted that there were 20 white circles and 15 red circles. There are two ways of making a mat similar to this where the number of red circles is equal to the number of white circles can you find them? find five_digit a Can you find the number [t]|h]|a||t] [i](3)fifth term in the reversed W hen following pattern* multipl eld 77, 49, 36, 18, ... by 4 an eight-digit number From the clues, work out the number that fits into CONTAINS TWO 1'S. TWO the boxes 2'S. TWO 3'S. AND TWO 4'S. THE 1'S ARE SEPARATED BY I. All the digits are different. ONE DIGIT, THE 2°S BY TWO 2. The first digit is odd and larger than the DIGITS, THE 3'S BY THREE third digit. digits. And the 4's by four 3. The fourth digit is three times the first. DIGITS. WHAT IS THE 4. The final digit is the product of the second NUMBER? and third digits. Fit the square numbers WRITE A TEN-DIGIT NUMBER SO THAT 0,1,4,9,16,25,36,49,64, 85 THE FIRST DIGIT TELLS HOW MANY 81 105 ZEROS THERE ARE IN THE NUMBER, into the grid to make each row and column THE SECOND HOW MANY ONES, THE 95 sum to the correct THIRD HOW MANY TWOS, ETC. total. 145 25 25 50 40 A woman and her grandson have the same burthday.

For sux consecutive burthdays, she is an exact multiple of his age. How old is the grandmother at the sixth of these burthdays?

