## The Girard and de Marco Families

Let's model the problem with equations. To do that, we first should define the variables as follows.

Entity	Variable
Father's age digits	p, q
Mother's age	r
Tony's age	t
Jackie's age	S

Then, we can write the following equations:

$$p^{2} + q^{2} = r + 2$$

$$r = 10p + q - t + 9$$

$$5(t - s) = r - s$$

$$3(s + 6) = r + 6$$

Considering the possible combinations for p, q, and the fourth equation, that establishes the divisibility of r by 3, we can find p = 4, q = 5, r = 39. From these values, using equations 4 and 3 in this order, we can get the other values, s = 9, t = 15.

Then, after checking all the conditions, we can conclude that the ages for father, mother, Tony, and Jackie are, respectively, **45**, **39**, **15**, **9**.