

SENATE CONCURRENT RESOLUTION NO. 75

BY SENATOR PEACOCK

A CONCURRENT RESOLUTION

To commend Adriana Martin of the Southfield School in Shreveport, Louisiana, upon her exceptional mathematical skills, on her new world record for the rendition of the numerical quotient of Pi set on March 14, 2018, National Pi Day, and to note her many academic accomplishments.

WHEREAS, Adriana Martin has achieved ever higher international rankings in the 2018 National Pi Day Challenge; and

WHEREAS, at ten years of age, Adriana is a fifth grade honor student and distinguished scholar at the Southfield School; and

WHEREAS, since early childhood, Adriana has exhibited an inordinate mastery of mathematics, exceptional memory recall, and proficiency in the recitation of numerical sequences of the ratio known as Pi,  $\pi$ , a mathematical constant resulting from the division of the circumference of a circle by its diameter; and

WHEREAS, Pi is an irrational number, meaning it cannot be represented as a ratio of integers with a nonzero denominator, its decimal representation is infinite and never settles into a permanently repeating pattern; and

WHEREAS, at Southfield School, the math enrichment teachers issue the Pi Day Challenge for all students to learn as many digit strings of Pi as possible, and on March 14th of each year, 3.14, a Pi Day competition is held; and

WHEREAS, since kindergarten, Adriana has displayed unusual proficiency and prodigious talent far beyond her years in her ability to memorize numeric sequences and to write those numerals in the correct order; and

WHEREAS, in kindergarten, Adriana Martin correctly recited 120 digits, the following year it was 603 digits, the next year it was 1,420 digits, and in 2016, the digit string total was 2,812, almost doubling the amount from the previous year; and

WHEREAS, in 2017, Adriana wrote the digit string of Pi from memory without any

outside help and without any errors, with an accuracy of 3,715 digits, an additional nine hundred numerals from the previous year; and

WHEREAS, in 2018, she accomplished the rendition of the digit string of Pi with an accuracy of 5,087 digits, nearly fourteen hundred additional digits above the 2017 total; and

WHEREAS, several international organizations compile competition statistics and rank the challengers using several criteria, such as the correct number of digits rendered, the age of contestant, and the country of origin; and

WHEREAS, Adriana's incredible talent has not gone unnoticed in the world of Pi recordkeeping; she is ranked first in the United States by TeachPi Resources for her age group (10 years), for all fifth graders, and for all participants under sixteen years of age; she is ranked 8th in the USA for all ages; she is ranked 11th in North America; and Adriana is ranked 47th in the world; and

WHEREAS, practice does indeed make for perfection; Adriana recites digit strings during the drive to school, then reviews the sequences at home; she can learn from sixty to one hundred digits in a quarter of an hour; and

WHEREAS, Adriana is an avid fan of all things mathematical; she relates numbers and formulae to everyday occurrences, particularly in her music studies; and

WHEREAS, Adriana is also a tennis player, a competitive swimmer in freestyle and backstroke, and a budding violinist virtuoso; and she has learned the sport of fencing; and

WHEREAS, like Pi, Adriana's destiny is filled with infinite possibilities; her thoughts of the future include interests in archeology and concert violin; and

WHEREAS, Adriana Martin is a rare role model of scholastic aptitude and worthy of emulation and recognition, and she remains a source of great pride for her family and friends, as well as, the faculty and student body of the Southfield School; and

WHEREAS, Adriana deserves to be honored for her cognitive abilities, competitive spirit, and self-motivation as she is recognized internationally for her prodigious math skills; and

WHEREAS, Adriana Martin proves to be an extraordinary, well-rounded student who exhibits, at the age of ten, exceptional potential to become a dynamic scholar and an intellectual asset for her school, community, state, and nation.

THEREFORE, BE IT RESOLVED that the Legislature of Louisiana does hereby commend and congratulate Adriana Martin for her mathematical skills and her rendition of the numerical quotient of Pi and the high rankings she achieved in the 2018 National Pi Day Challenge.

BE IT FURTHER RESOLVED that the Legislature of Louisiana does hereby commend Robert and Stacy Martin, the proud parents of such an academically astute individual.

BE IT FURTHER RESOLVED that a copy of this Resolution be transmitted to Adriana Martin and to Gordon Walker, headmaster of the Southfield School in Shreveport.

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PRESIDENT OF THE SENATE

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SPEAKER OF THE HOUSE OF REPRESENTATIVES