

Name: _____ Student ID Number: _____ Grade: _____

Teacher: _____ School: _____ Date: _____

Powers of 3

Mr. Elberty and I were looking at the powers of 3.

He said he could tell me what the last digit would be for three to the eleventh power, three to the thirteenth power, and three to the forty-fifth power!

Find the last digit to these exponents and see if you can figure out how Mr. Elberty might be able to predict the last digit of these and other powers of three.