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COMP 251 Assignment 4

Karatsuba and Naïve trace each other in number of operations until a size of 8 bits. After that threshold, the two lines drift apart as Karatsuba becomes more efficient. Each time the size reaches a power of two there is a large jump in the number of operations. In addition, the discrepancy between Karatsuba and Naïve methods increases as the integer size increases. Karatsuba becomes more efficient the larger the integer size.