Collatz Conjecture

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1 Conjecture 1:

In conjecture 1, the sequence $2^n willhaven + 1termsbythetimeitone.Forexample, 2took2terms, 4took3term$

2 Conjecture 2:

In conjecture 2, we saw that the powers of 2k+1 converge once they reach 16. For example, 4 starts to converge at 4, and 16 starts to converge at 16.

3 Conjecture 3:

In conjecture 3, looking at powers of 3, 5 and 6, we can see that there are twice as many even numbers than odd numbers. At least 60 percent of the terms were even and no more than 40 percent of the terms.