



4. What is the last digit of 3^{2011} ?

A 1

B 3

C 5

D 7

E 9

1174



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4. **D** Since $3^1 = 3$, $3^2 = 9$, $3^3 = 27$, $3^4 = 81$, $3^5 = 243$, ... we see that the final digits cycle through the four numbers 3, 9, 7, 1. As $2011 = 502 \times 4 + 3$, the last digit of 3^{2011} is 7.