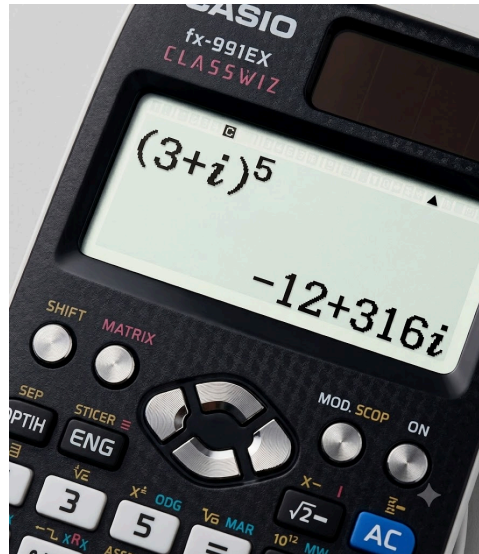


Manually expanding polynomials past a power of 3 takes too much time and creates opportunities for minor sign slips. On exam day, you should hand this work off to your calculator using Complex Mode.

CALCULATOR TIPS:

Direct Calculation (Casio fx-991EX ClassWiz / fx-991CW)



Modern models can process high complex exponents effortlessly in a single input string.

1. Put the calculator into Complex Mode by pressing **MENU** → select **Complex** (or press **MENU 2**).
2. Type the expression exactly as written using the dedicated **ENG** key to produce the imaginary symbol *i*: $(3 + i)^5$.
3. Press **=** to display the result $-12 + 316i$ instantly.