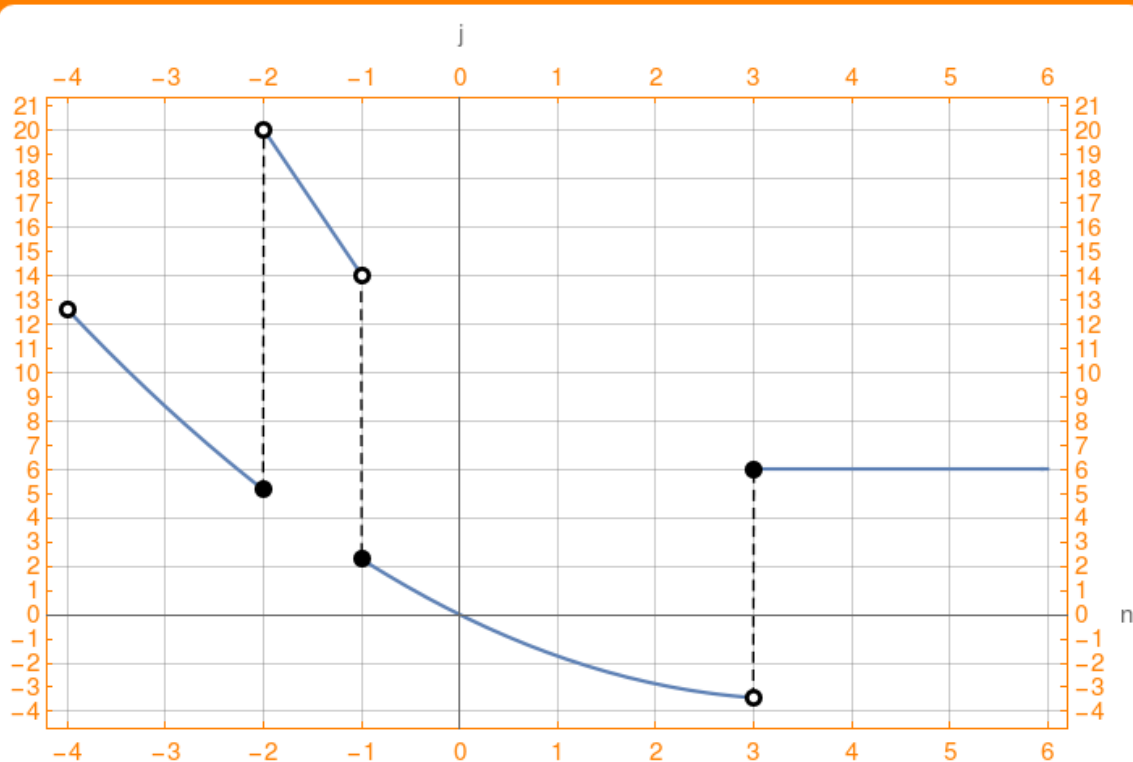


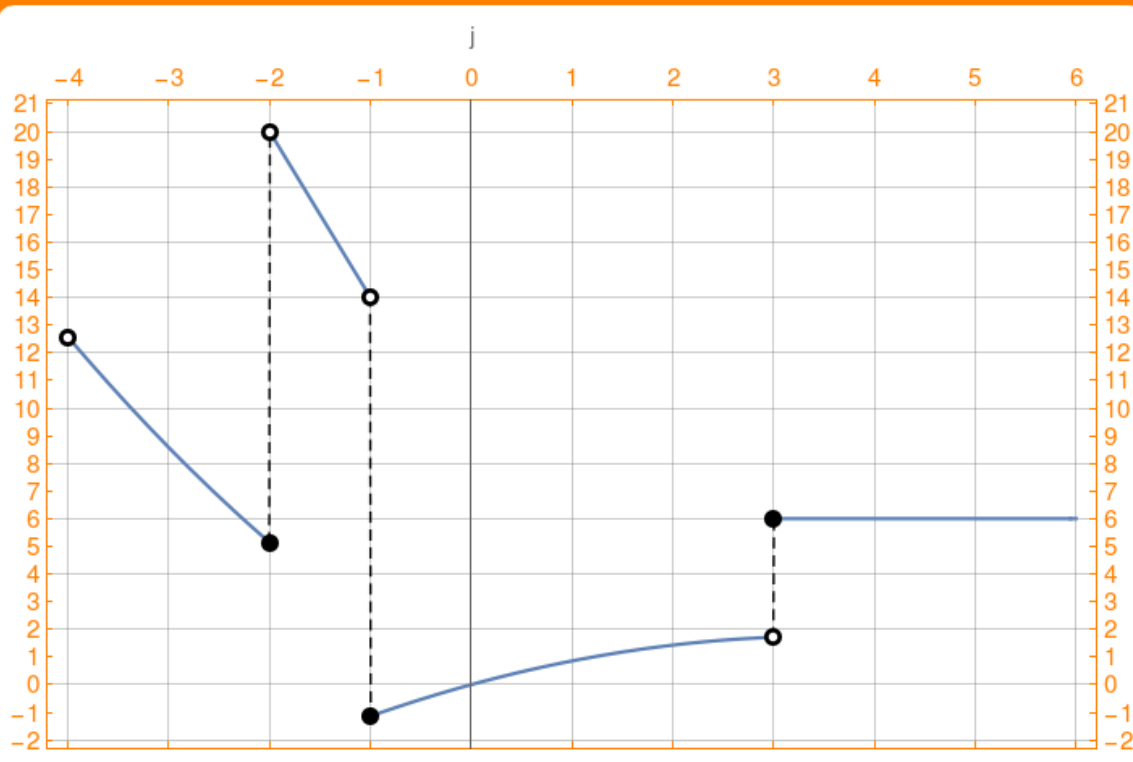
1. Given the function:

$$j(n) = \begin{cases} \frac{n^2}{7} - n & -4 < n \leq -2 \\ 4 - 3n & -2 < n < -1 \\ \frac{n^2}{7} - n & -1 \leq n < 3 \\ 6 & n \geq 3 \end{cases}$$

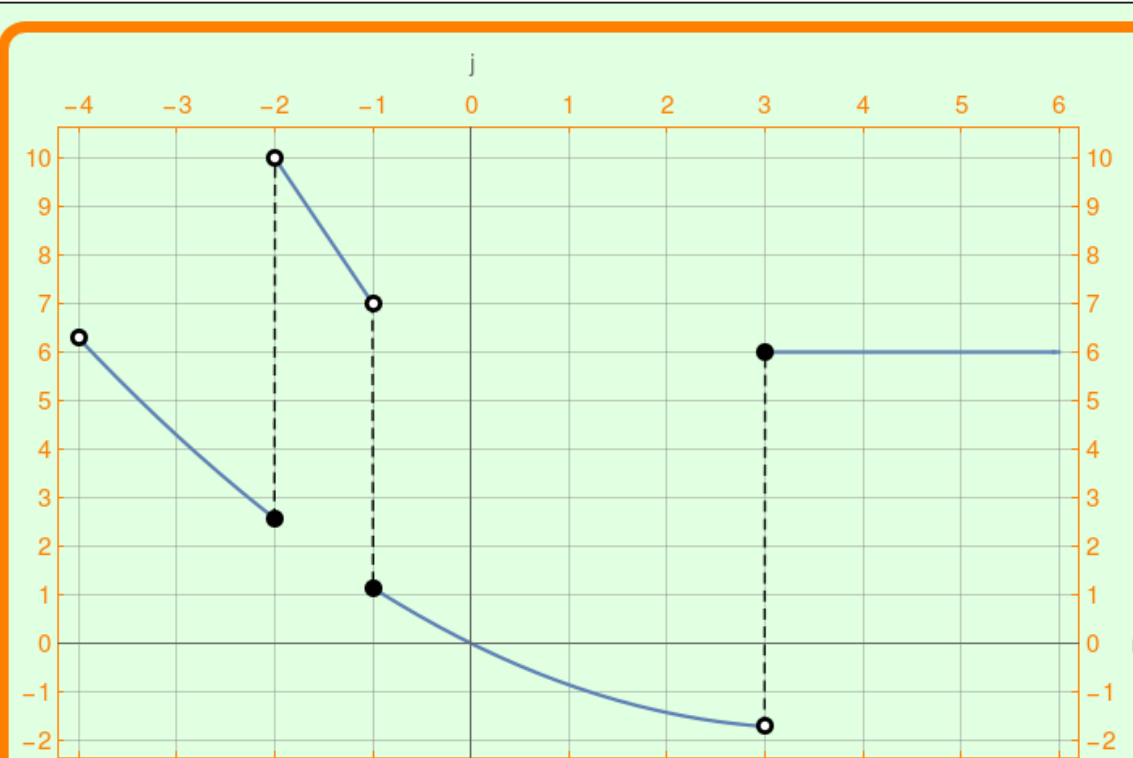
Which plot matches the points?



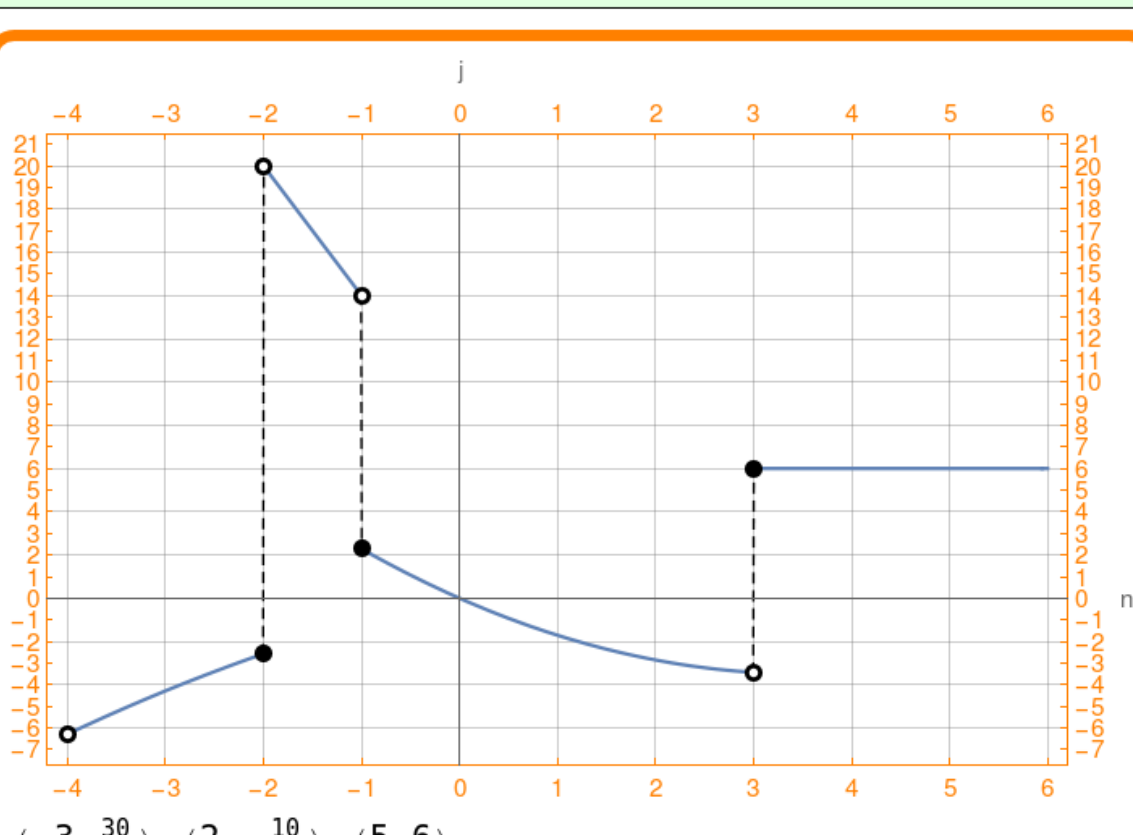
$(-1, \frac{8}{7}), (-2, \frac{18}{7}), (5, 6)$



$(-1, \frac{8}{7}), (3, 6), (0, 0)$



$(-4, 0), (4, 6), (5, 6)$



$(-3, \frac{30}{7}), (2, -\frac{10}{7}), (5, 6)$

Solution