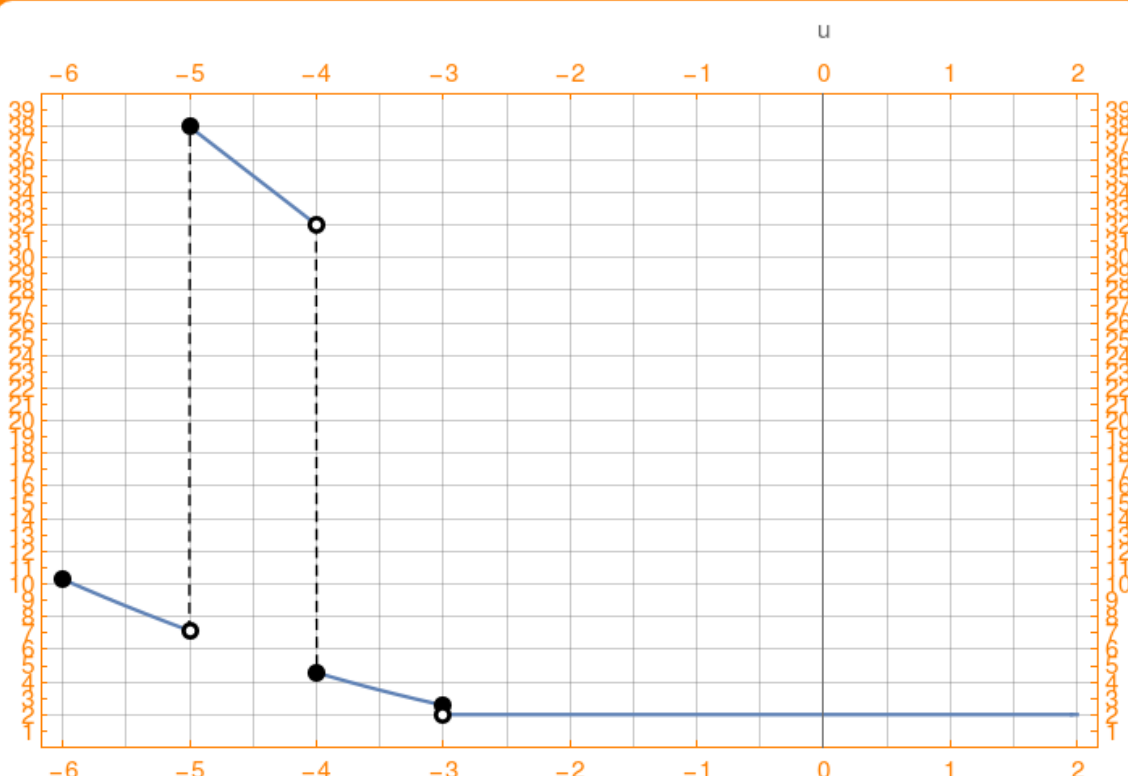


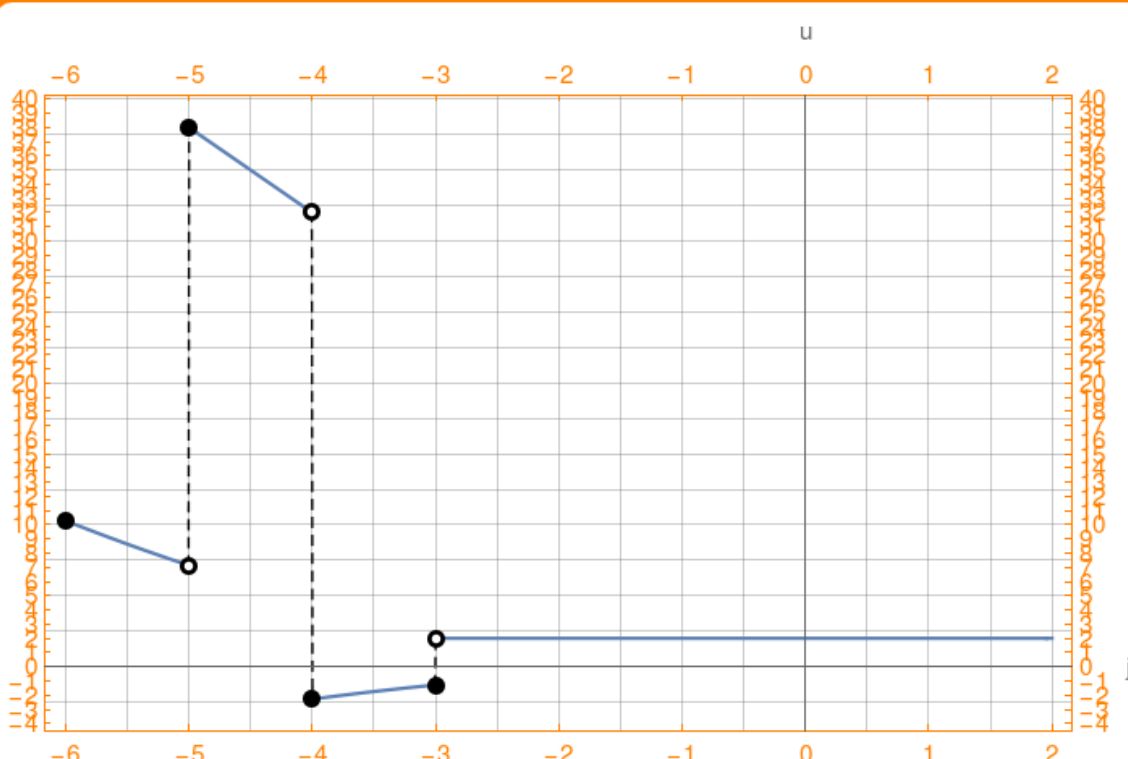
1. Given the function:

$$u(j) = \begin{cases} \frac{j^2}{7} & -6 \leq j < -5 \\ 4 - 3j & -5 \leq j < -4 \\ \frac{j^2}{7} & -4 \leq j \leq -3 \\ 2 & j > -3 \end{cases}$$

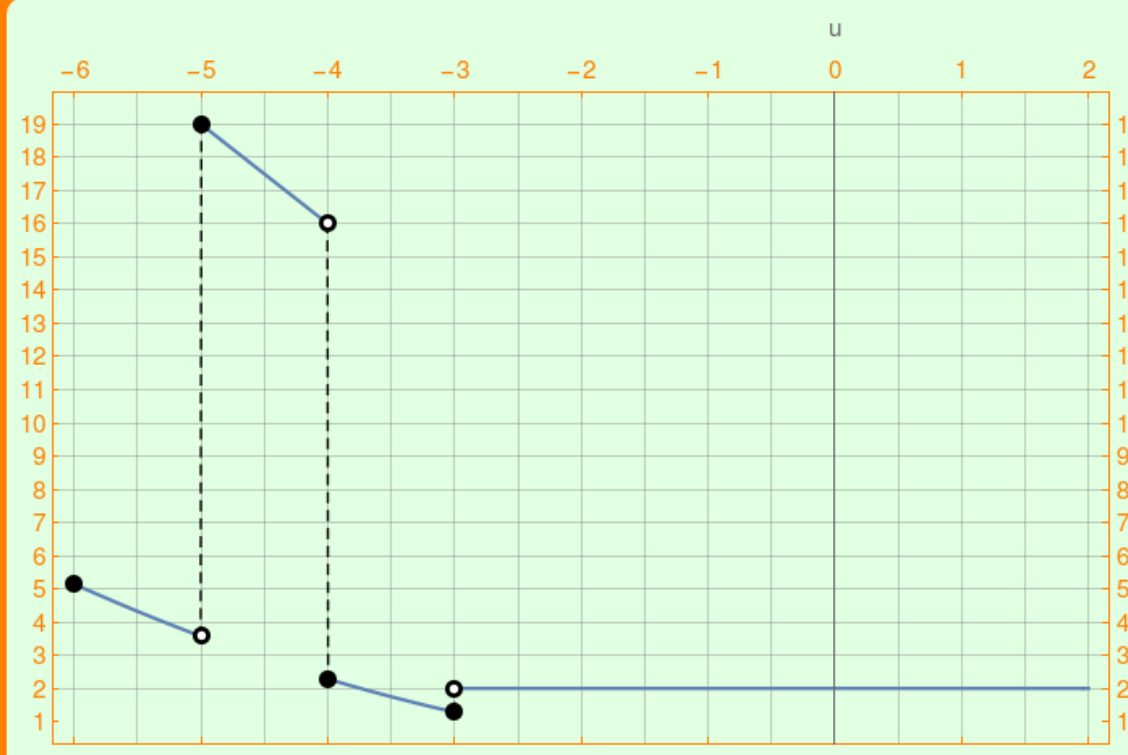
Which plot matches the points?



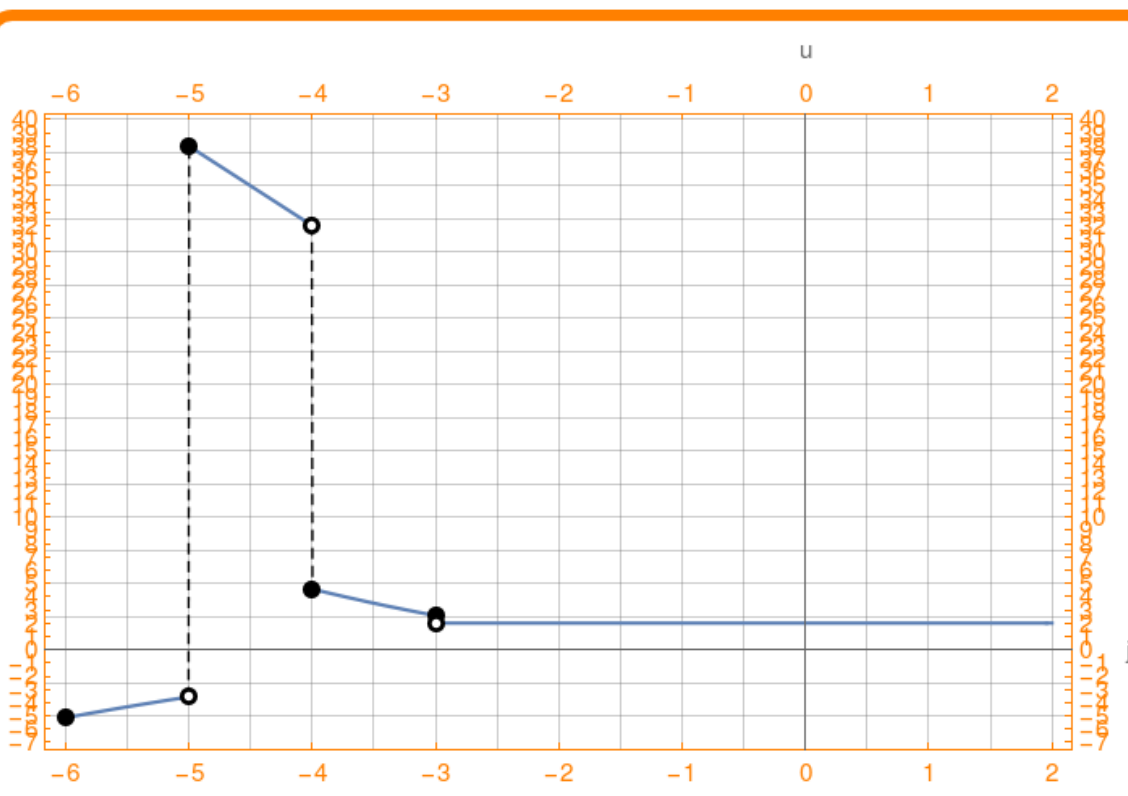
$(2, 2), (1, 2), (-2, 2)$



$(-1, 2), (-3, \frac{9}{7}), (-5, 19)$



$(1, 2), (-4, \frac{16}{7}), (2, 2)$



$(-3, \frac{9}{7}), (-4, \frac{16}{7}), (1, 2)$

**Solution**