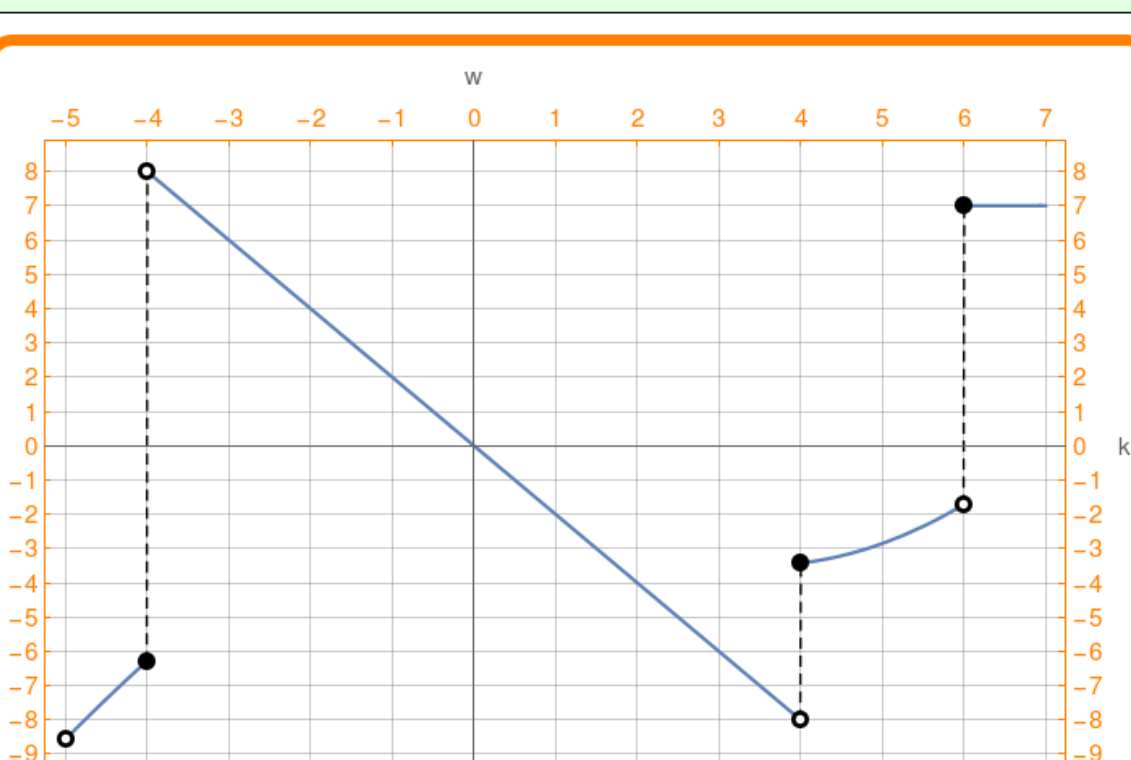
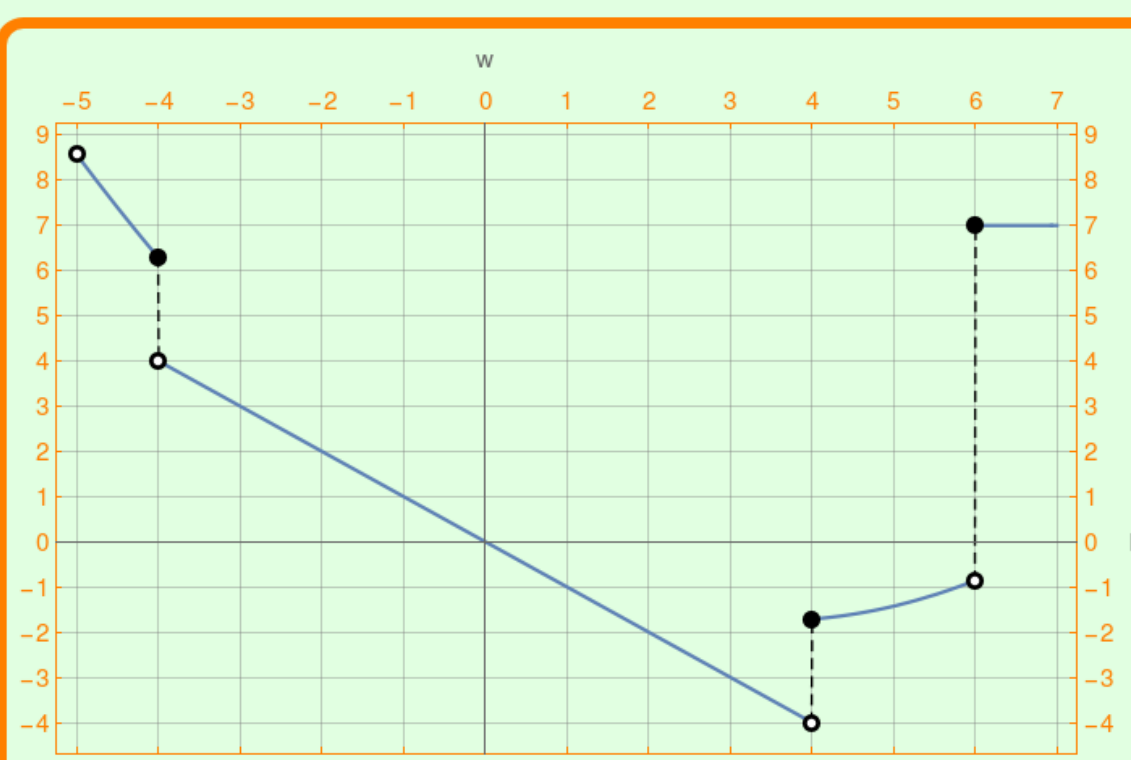
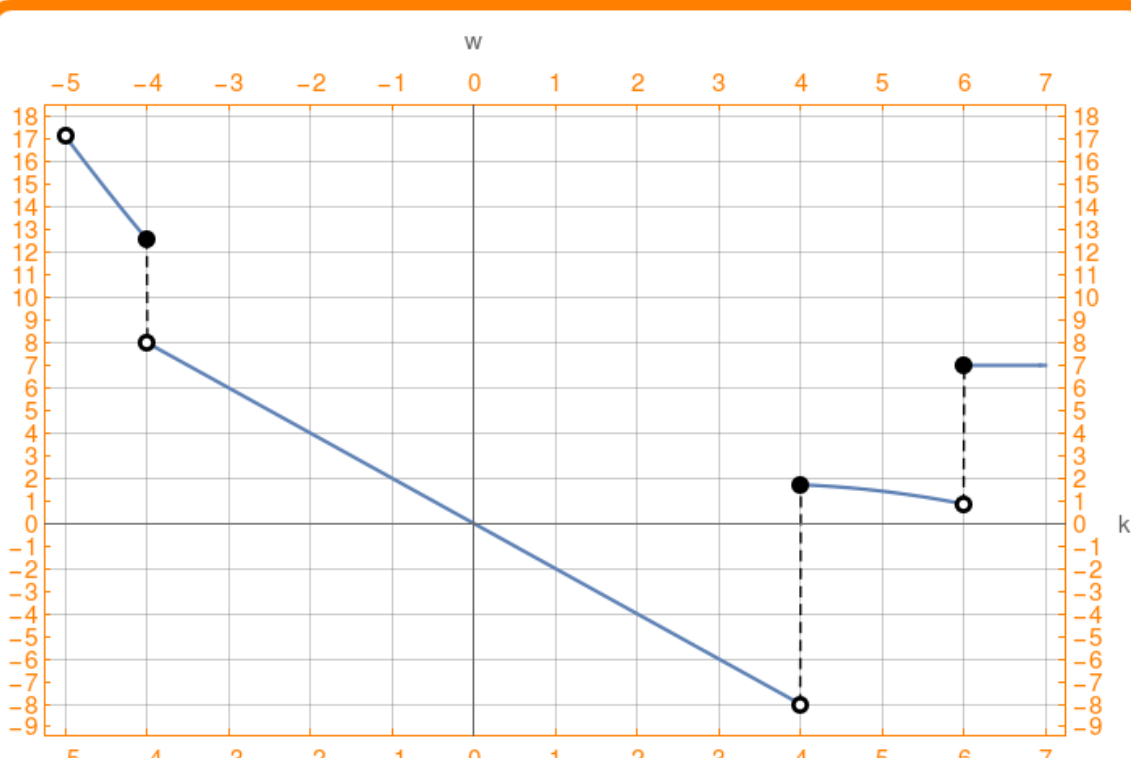
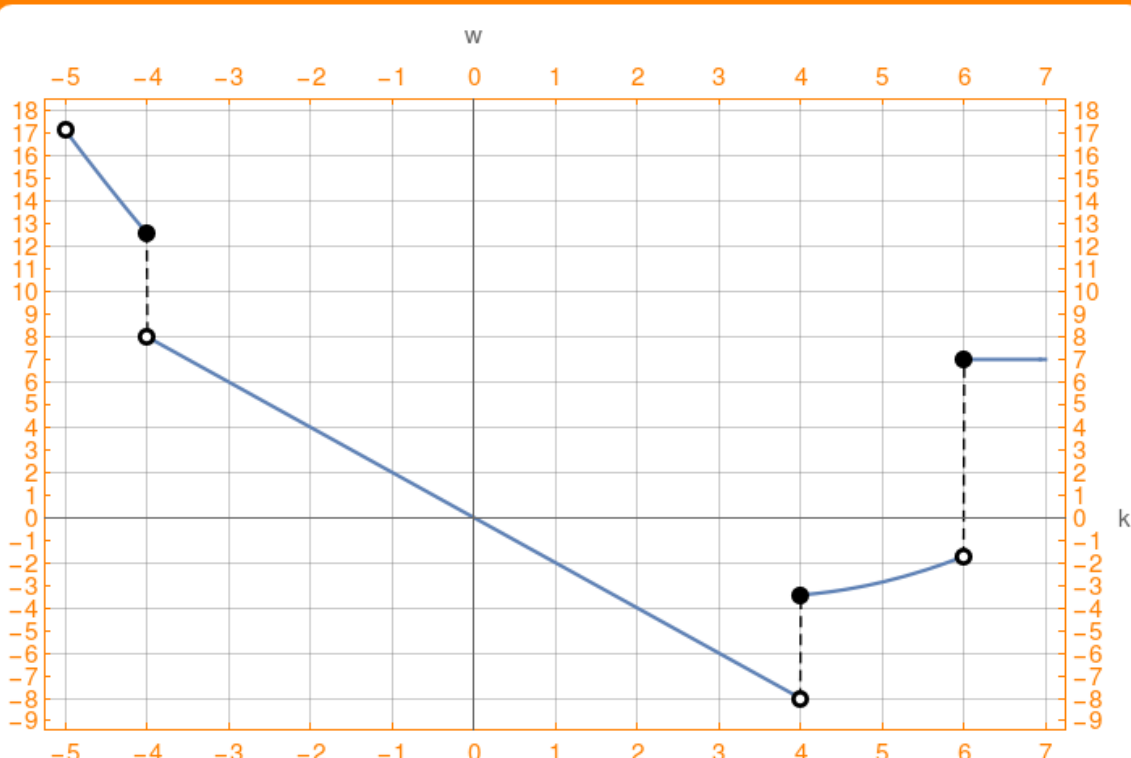


1. Given the function:

$$w(k) = \begin{cases} \frac{k^2}{7} - k & -5 < k \leq -4 \\ -k & -4 < k < 4 \\ \frac{k^2}{7} - k & 4 \leq k < 6 \\ 7 & k \geq 6 \end{cases}$$

Which plot matches the points?



**Solution**