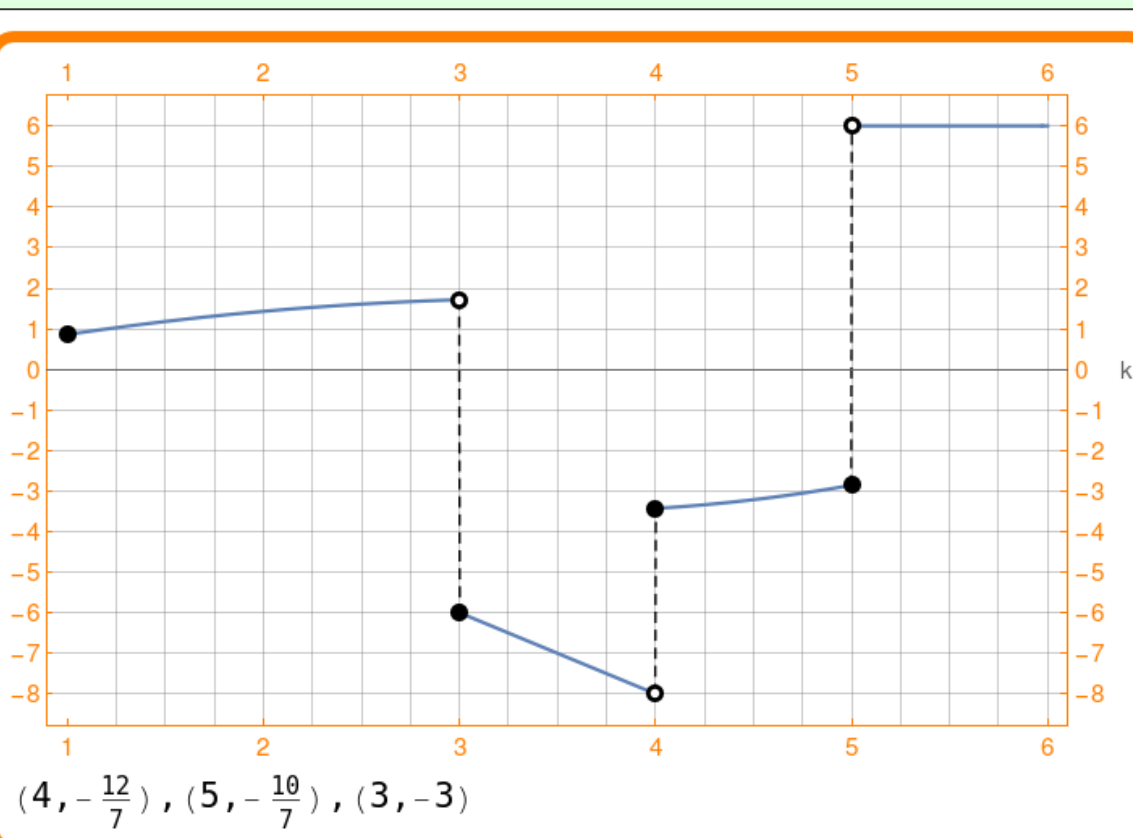
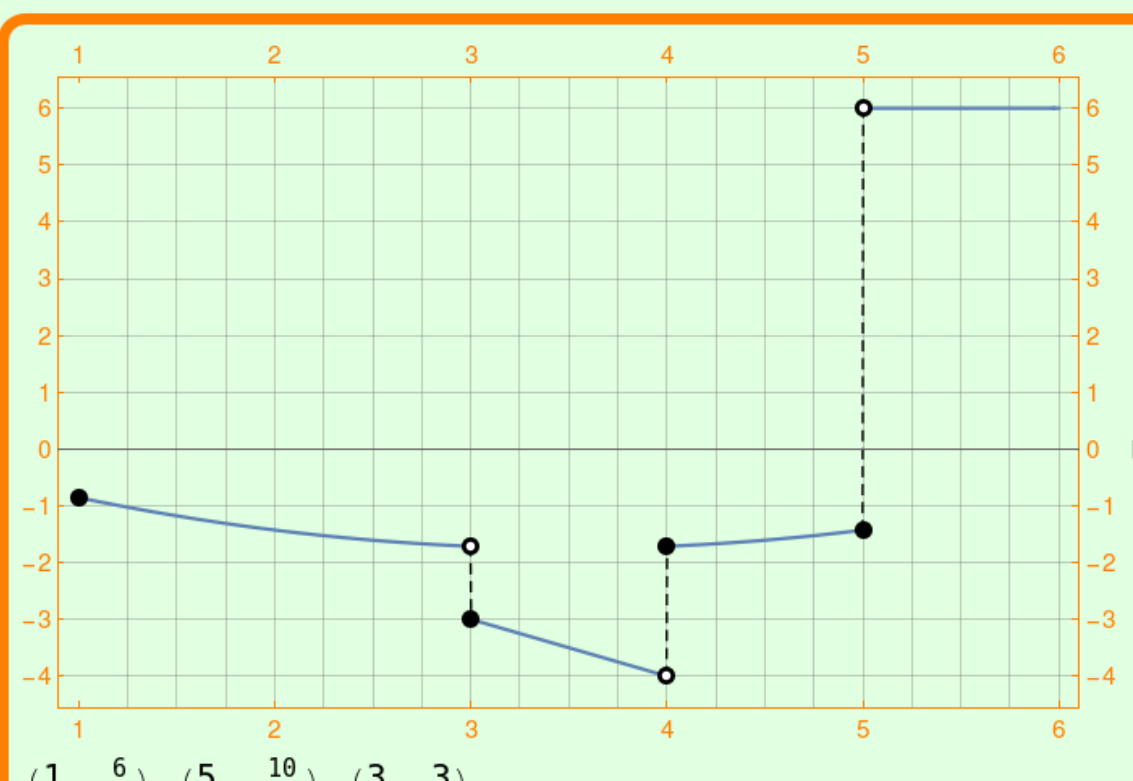
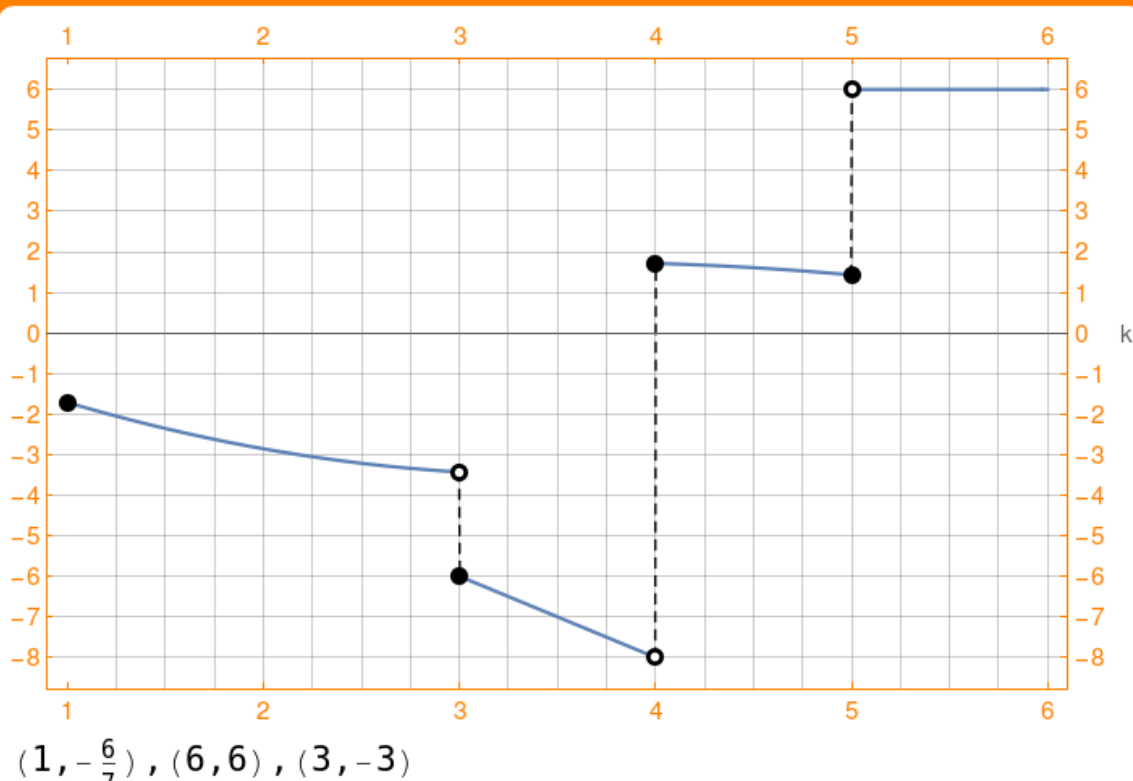
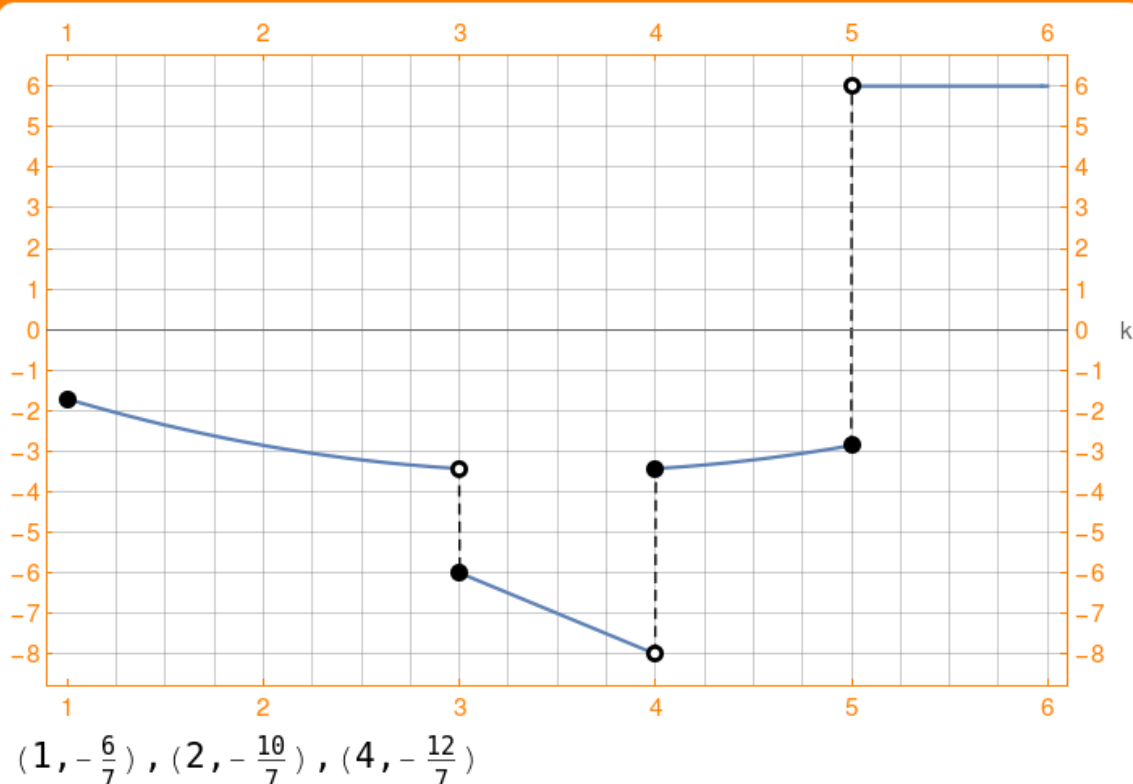


1. Given the function:

$$f(k) = \begin{cases} \frac{k^2}{7} - k & 1 \leq k < 3 \\ -k & 3 \leq k < 4 \\ \frac{k^2}{7} - k & 4 \leq k \leq 5 \\ 6 & k > 5 \end{cases}$$

Which plot matches the points?



Solution