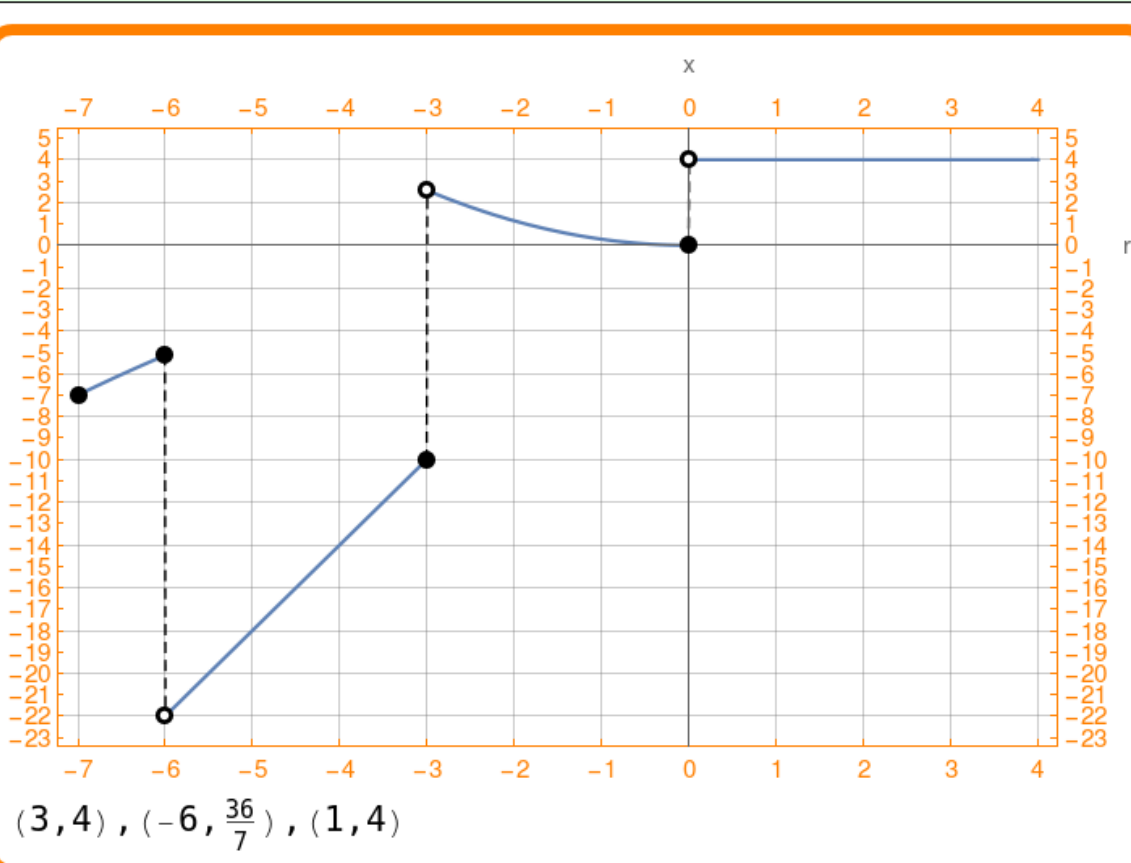
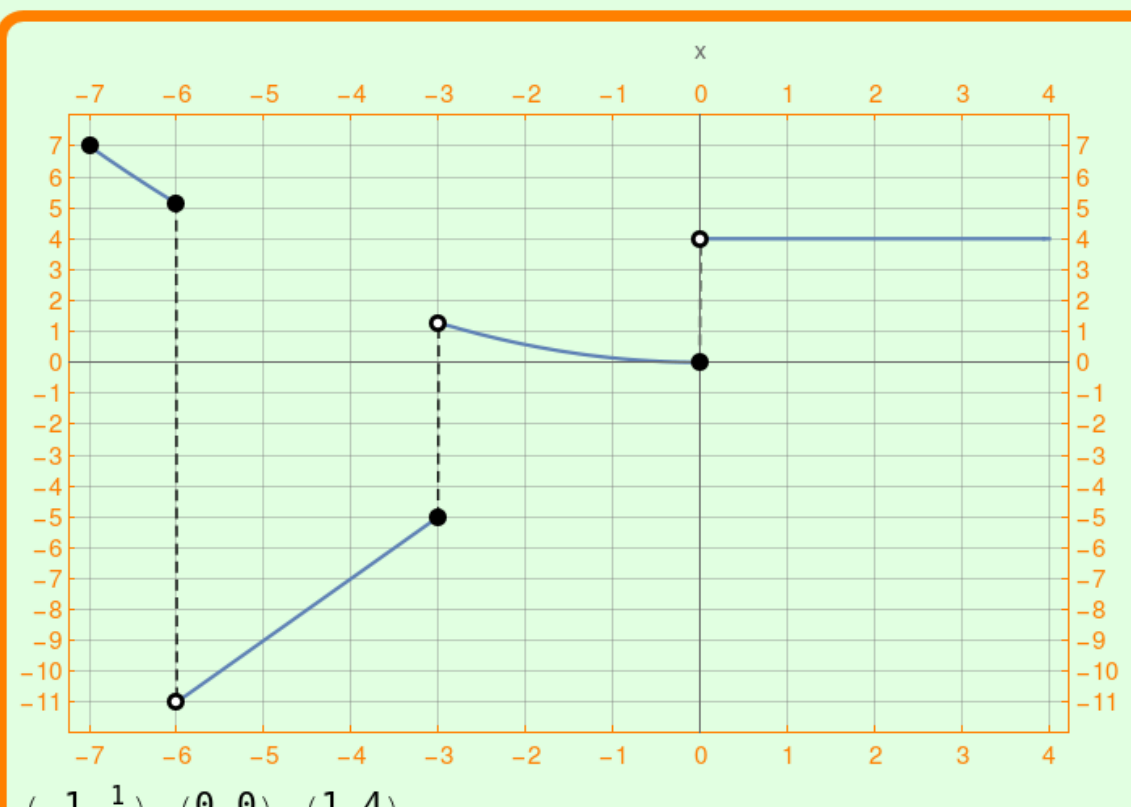
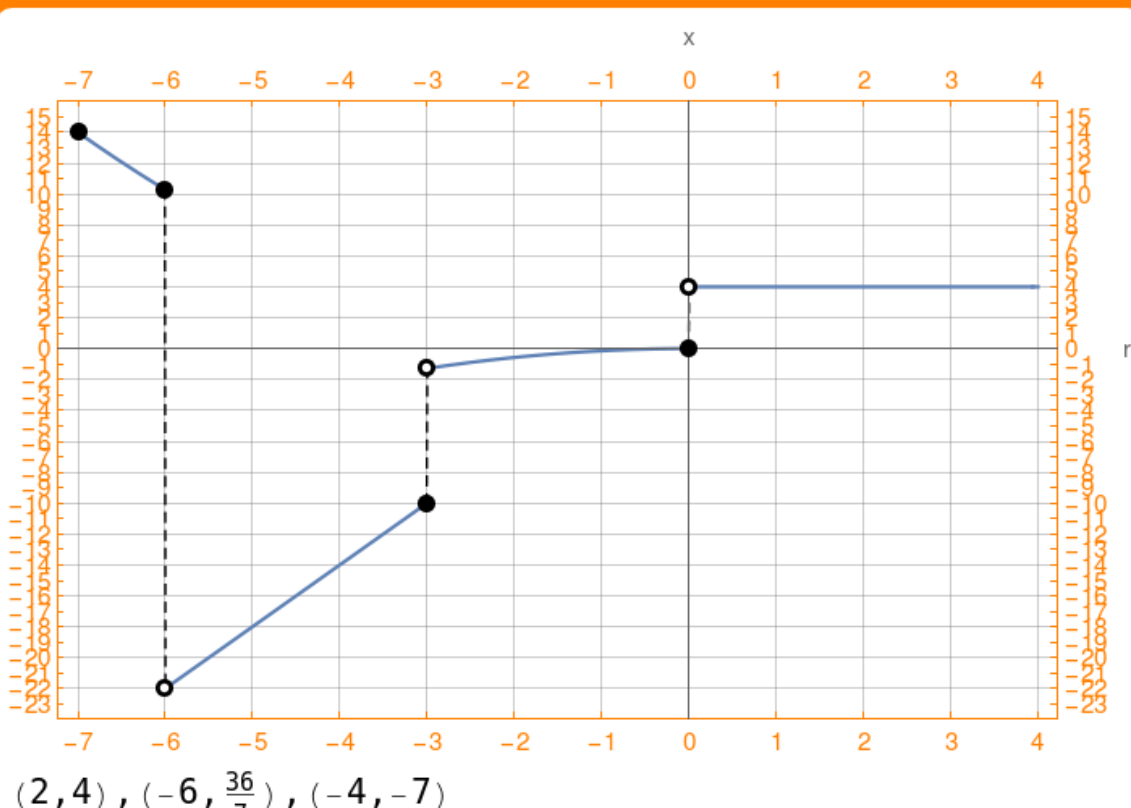
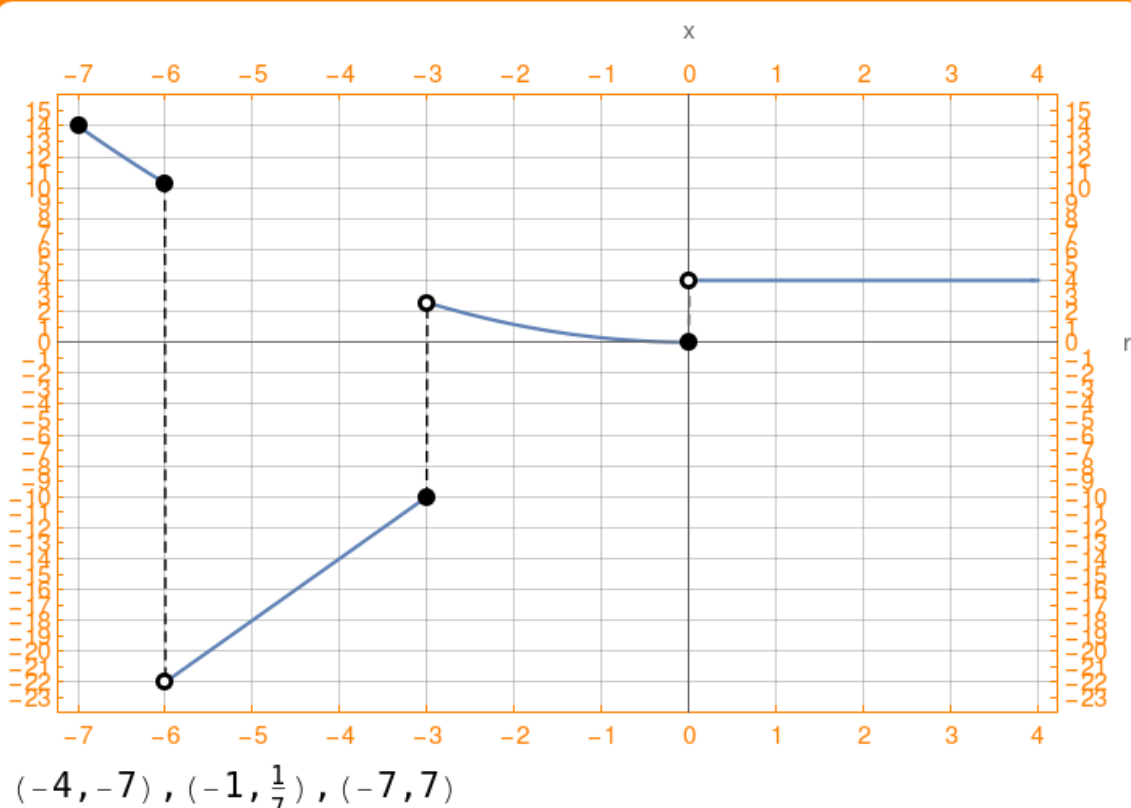


1. Given the function:

$$x(r) = \begin{cases} \frac{r^2}{7} & -7 \leq r \leq -6 \\ 2r + 1 & -6 < r \leq -3 \\ \frac{r^2}{7} & -3 < r \leq 0 \\ 4 & r > 0 \end{cases}$$

Which plot matches the points?



**Solution**