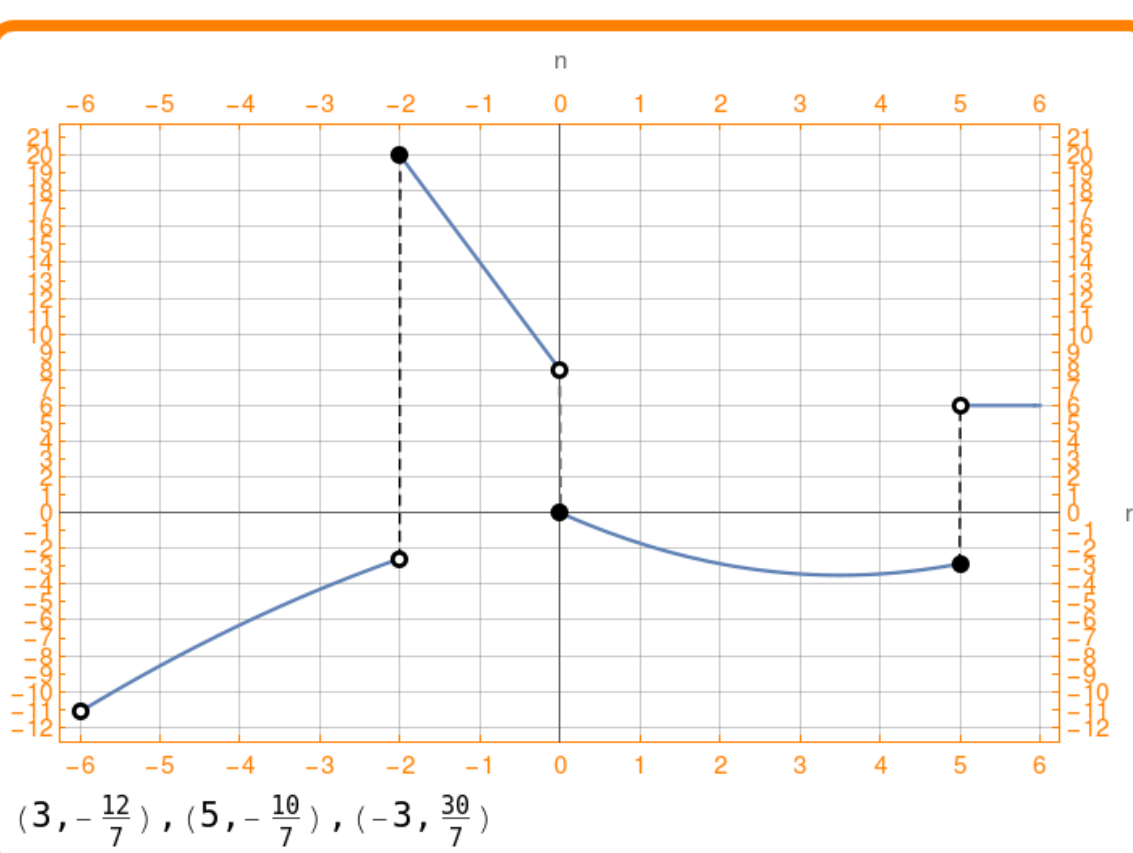
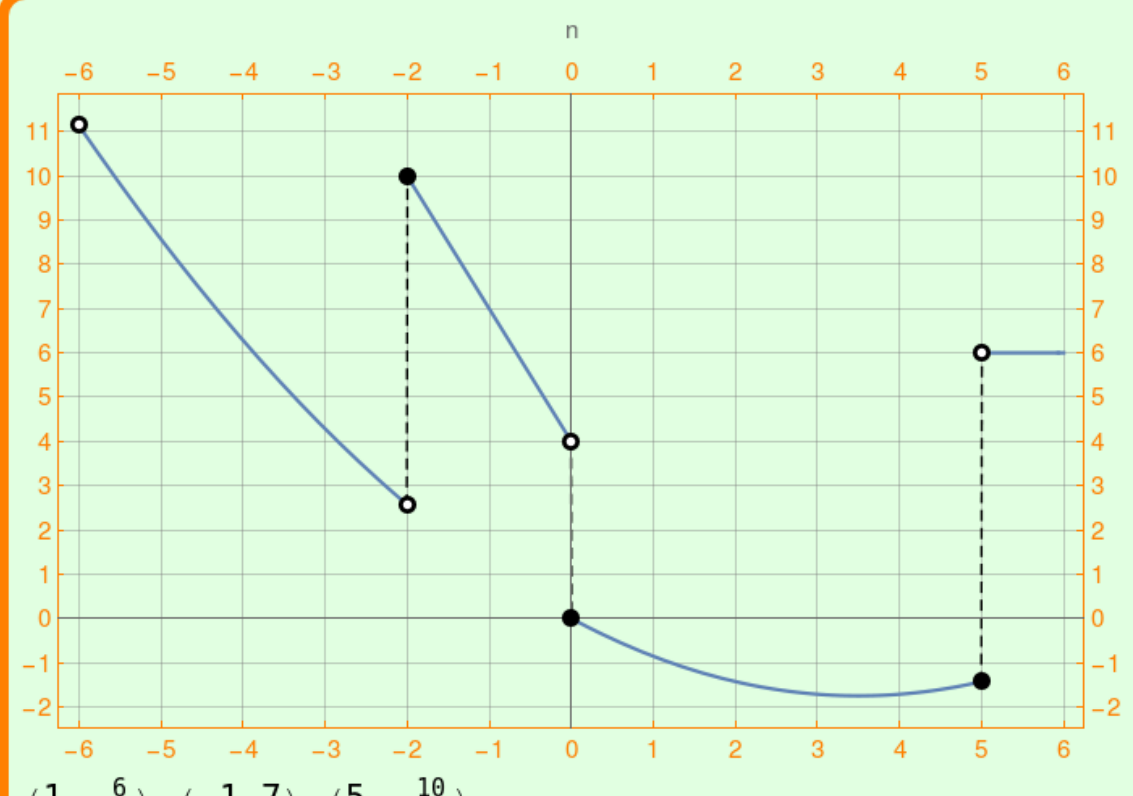
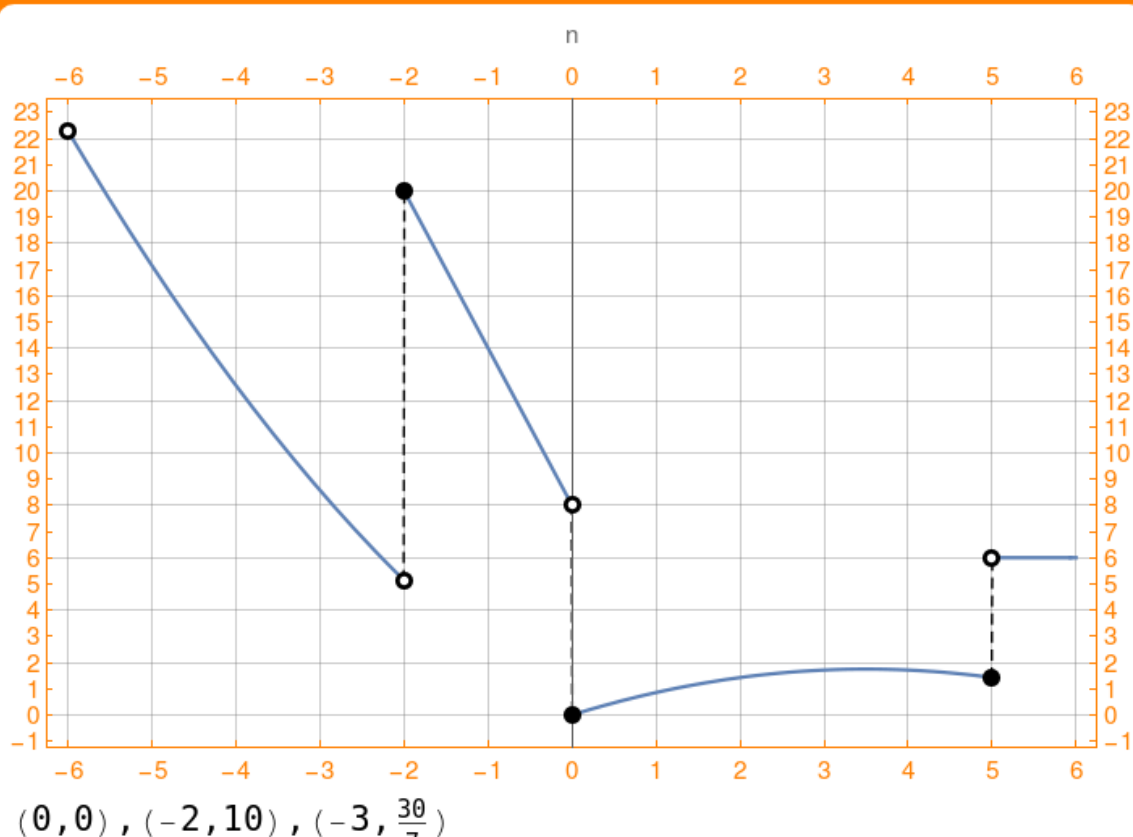
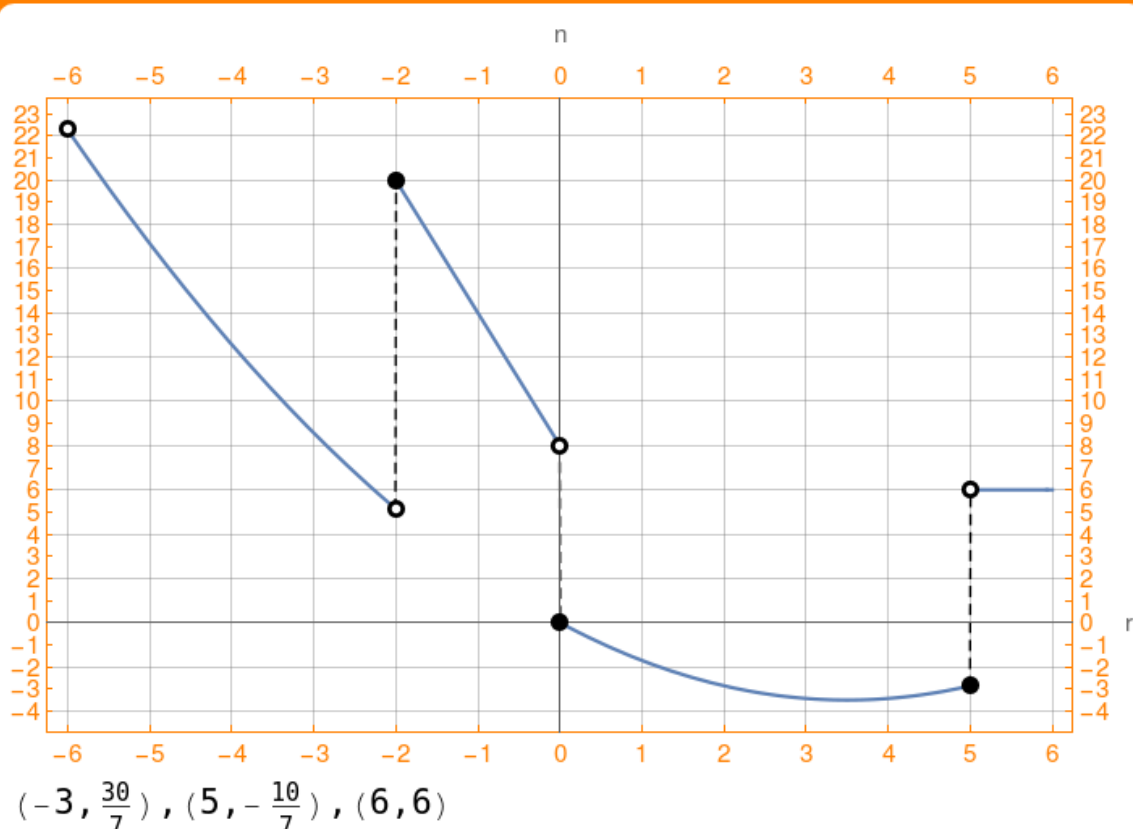


1. Given the function:

$$n(r) = \begin{cases} \frac{r^2}{7} - r & -6 < r < -2 \\ 4 - 3r & -2 \leq r < 0 \\ \frac{r^2}{7} - r & 0 \leq r \leq 5 \\ 6 & r > 5 \end{cases}$$

Which plot matches the points?



Solution