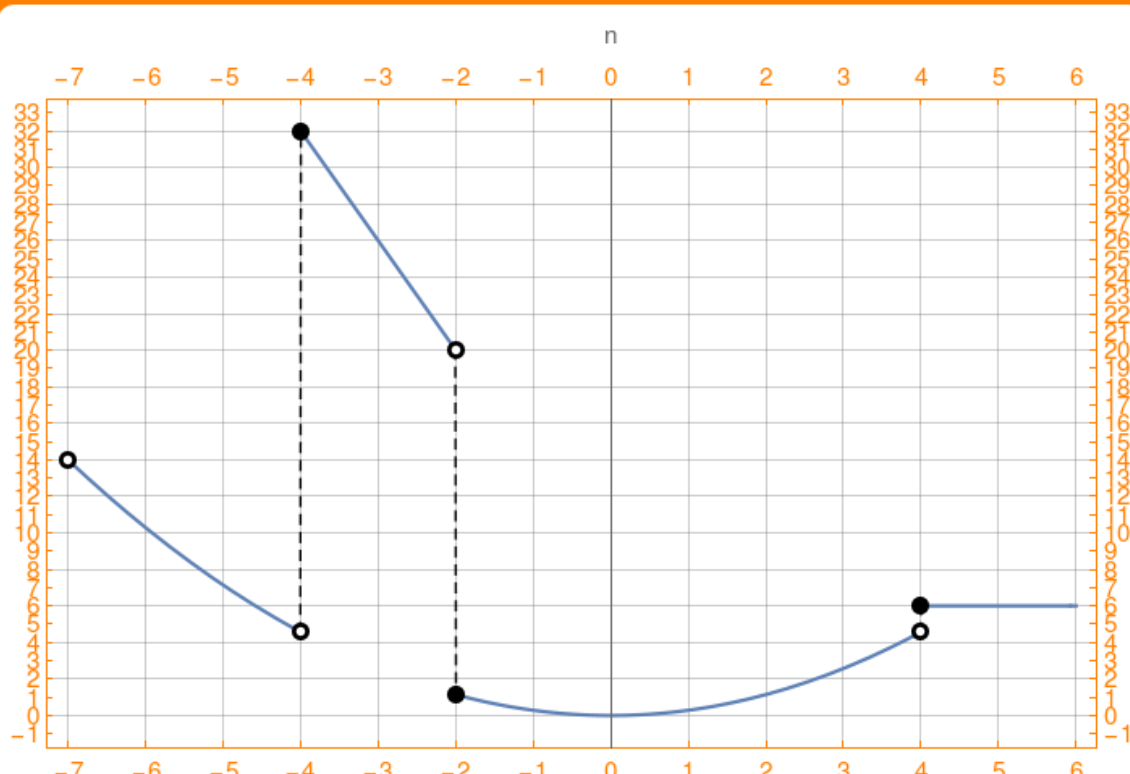


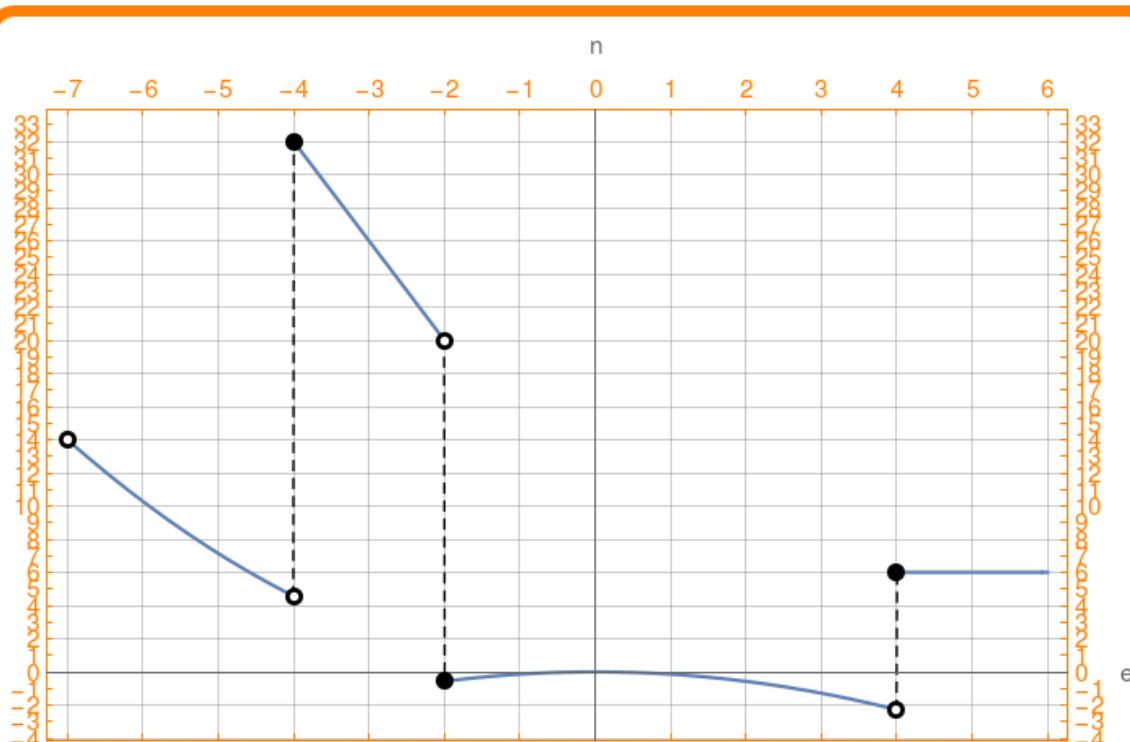
1. Given the function:

$$n(e) = \begin{cases} \frac{e^2}{7} & -7 < e < -4 \\ 4 - 3e & -4 \leq e < -2 \\ \frac{e^2}{7} & -2 \leq e < 4 \\ 6 & e \geq 4 \end{cases}$$

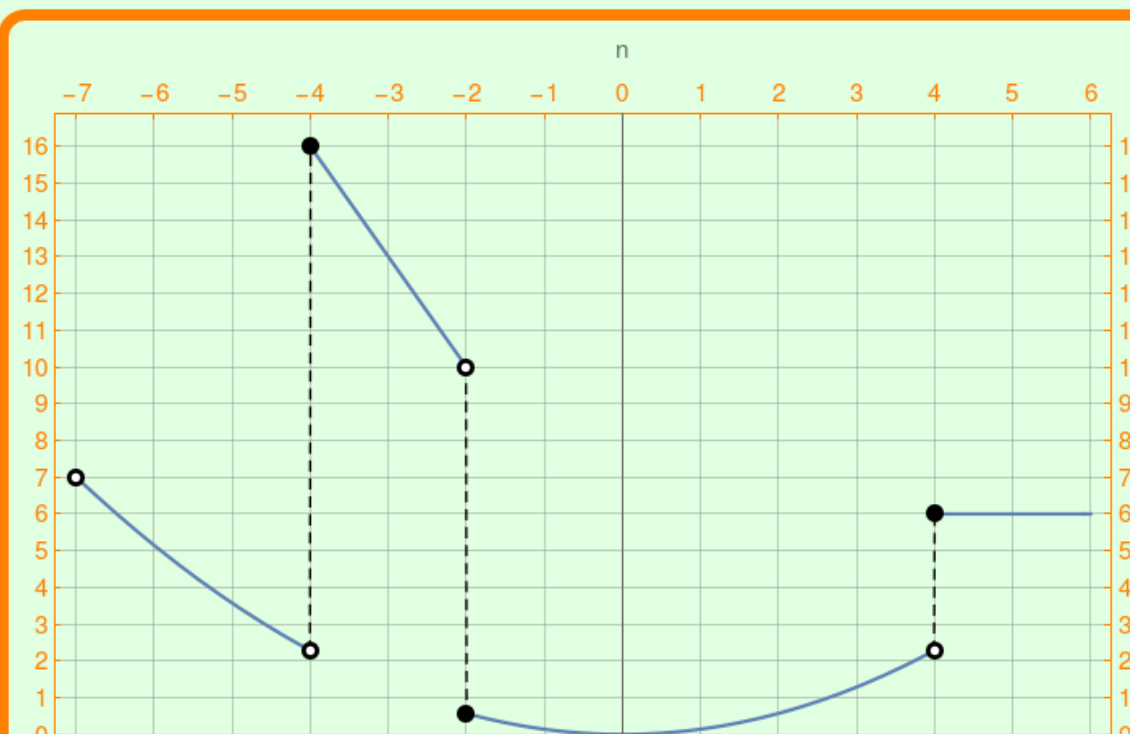
Which plot matches the points?



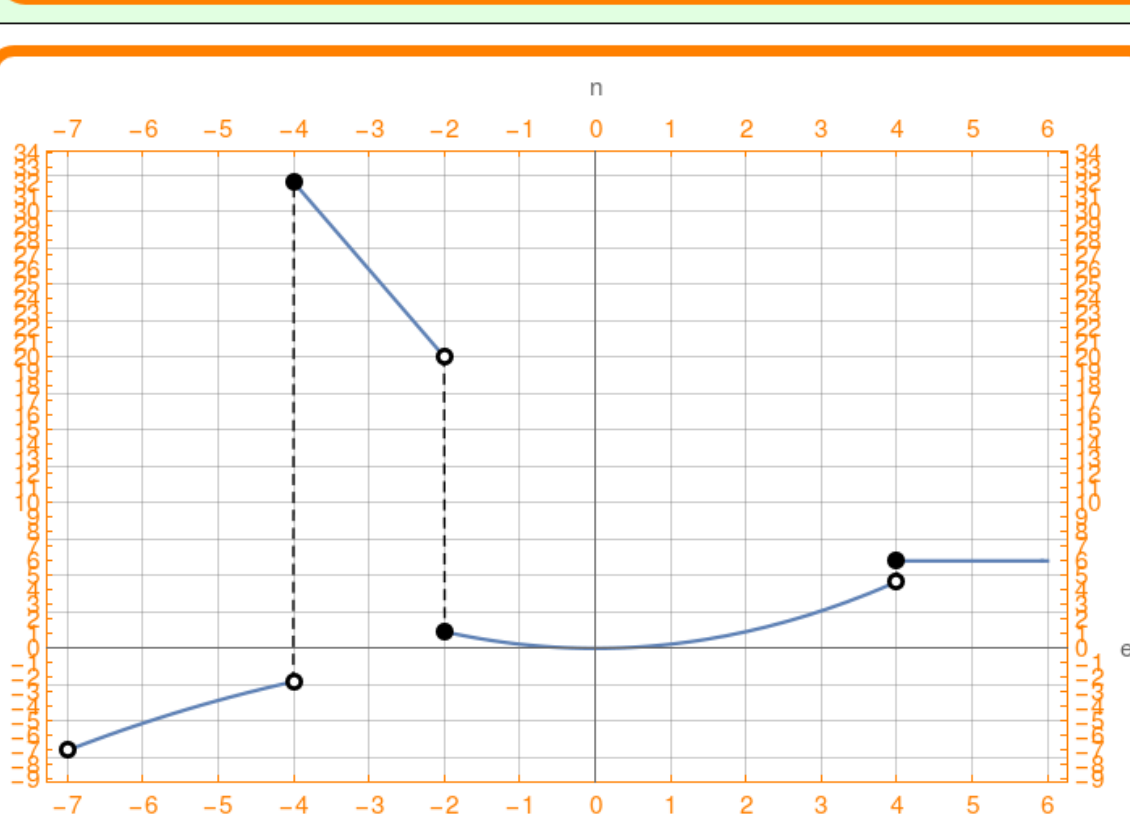
$(3, \frac{9}{7})$ ,  $(6, 6)$ ,  $(-3, 13)$



$(1, \frac{1}{7})$ ,  $(-4, 16)$ ,  $(-3, 13)$



$(4, 6)$ ,  $(0, 0)$ ,  $(-7, 0)$



$(-7, 0)$ ,  $(-4, 16)$ ,  $(4, 6)$

**Solution**