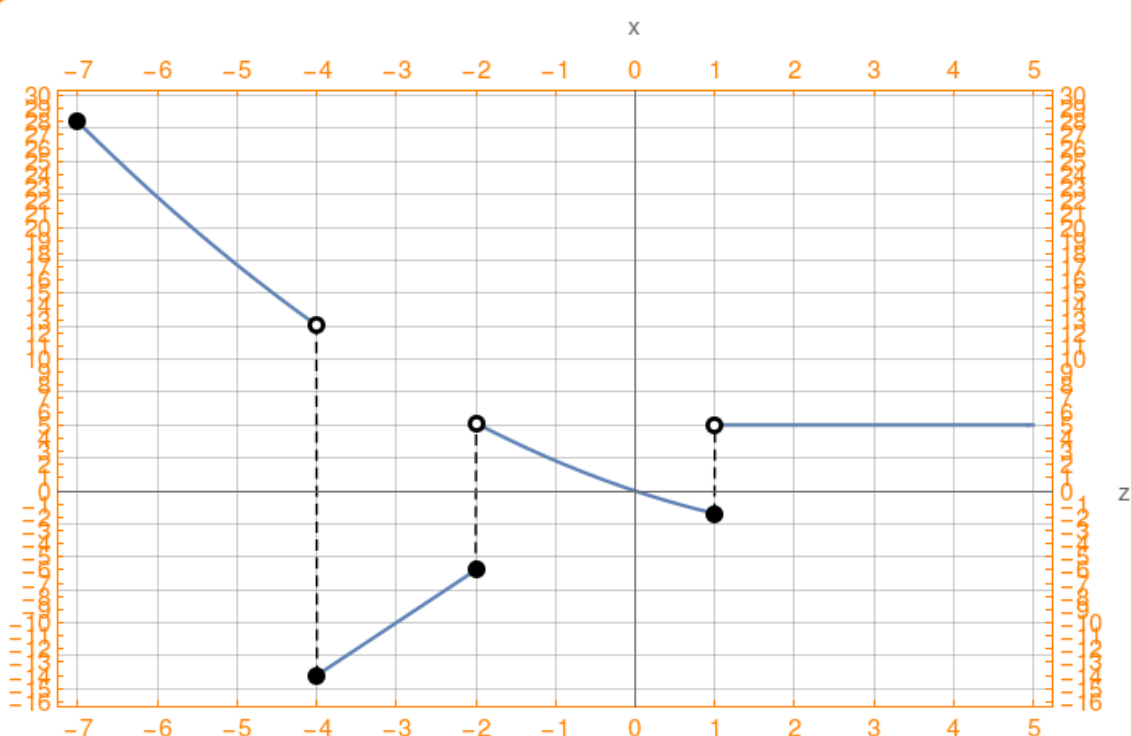


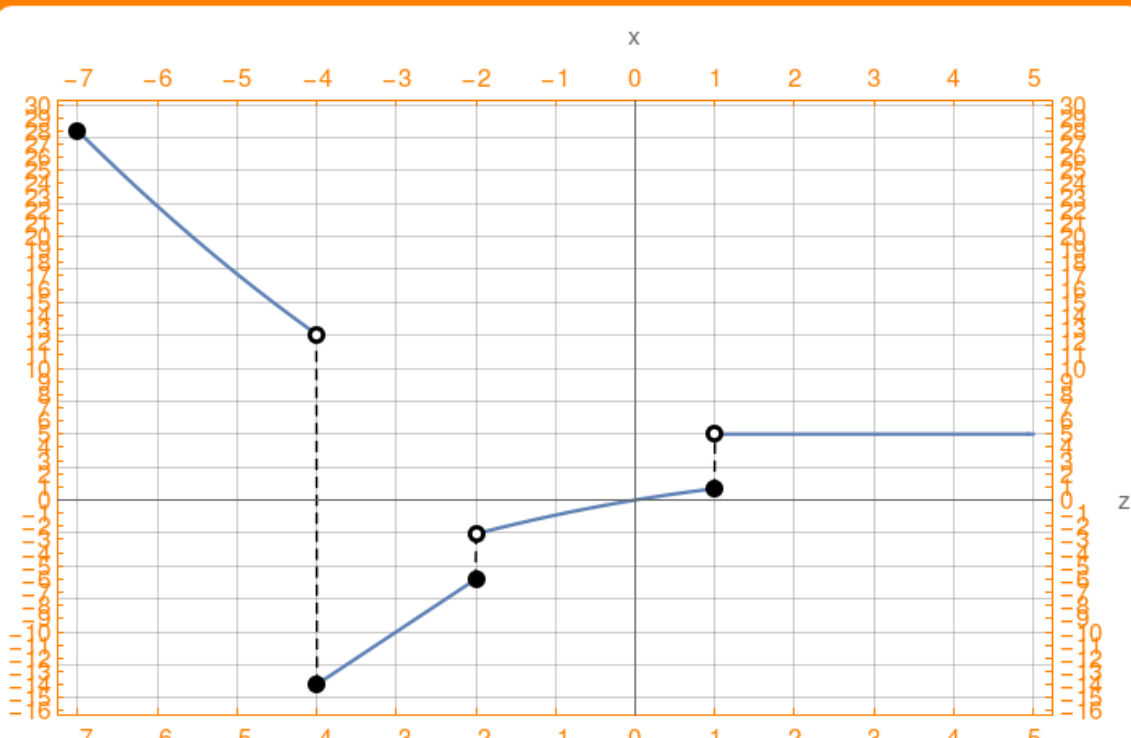
1. Given the function:

$$x(z) = \begin{cases} \frac{z^2}{7} - z & -7 \leq z < -4 \\ 2z + 1 & -4 \leq z \leq -2 \\ \frac{z^2}{7} - z & -2 < z \leq 1 \\ 5 & z > 1 \end{cases}$$

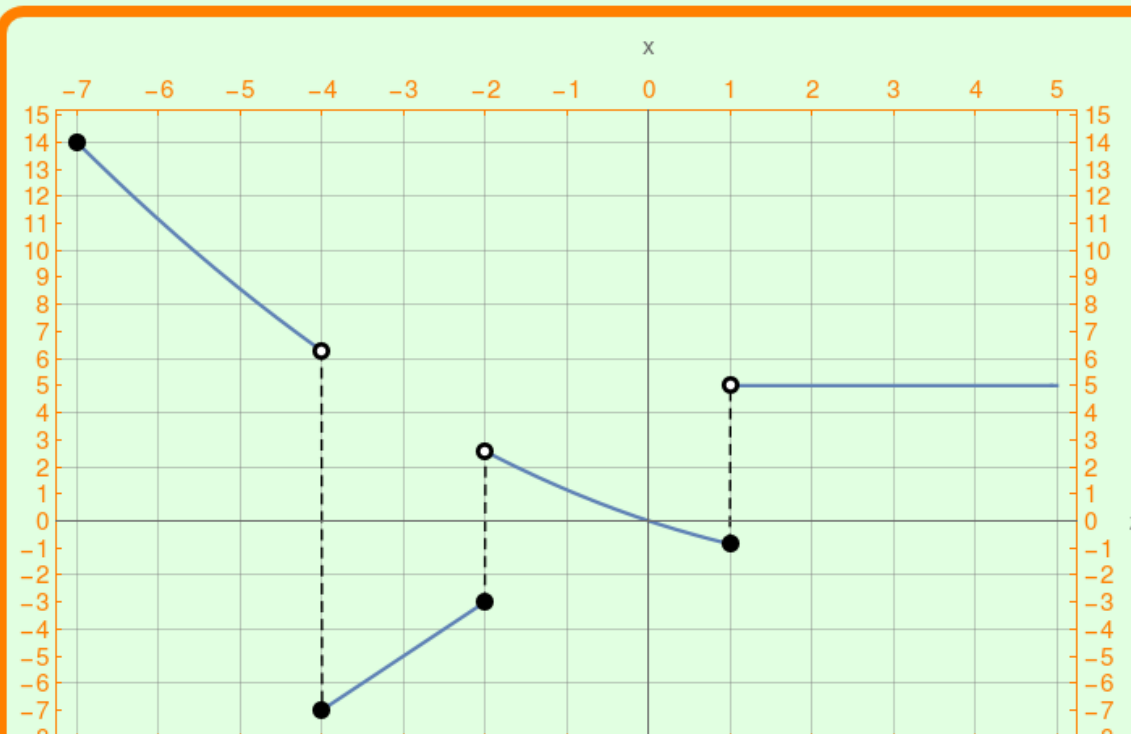
Which plot matches the points?



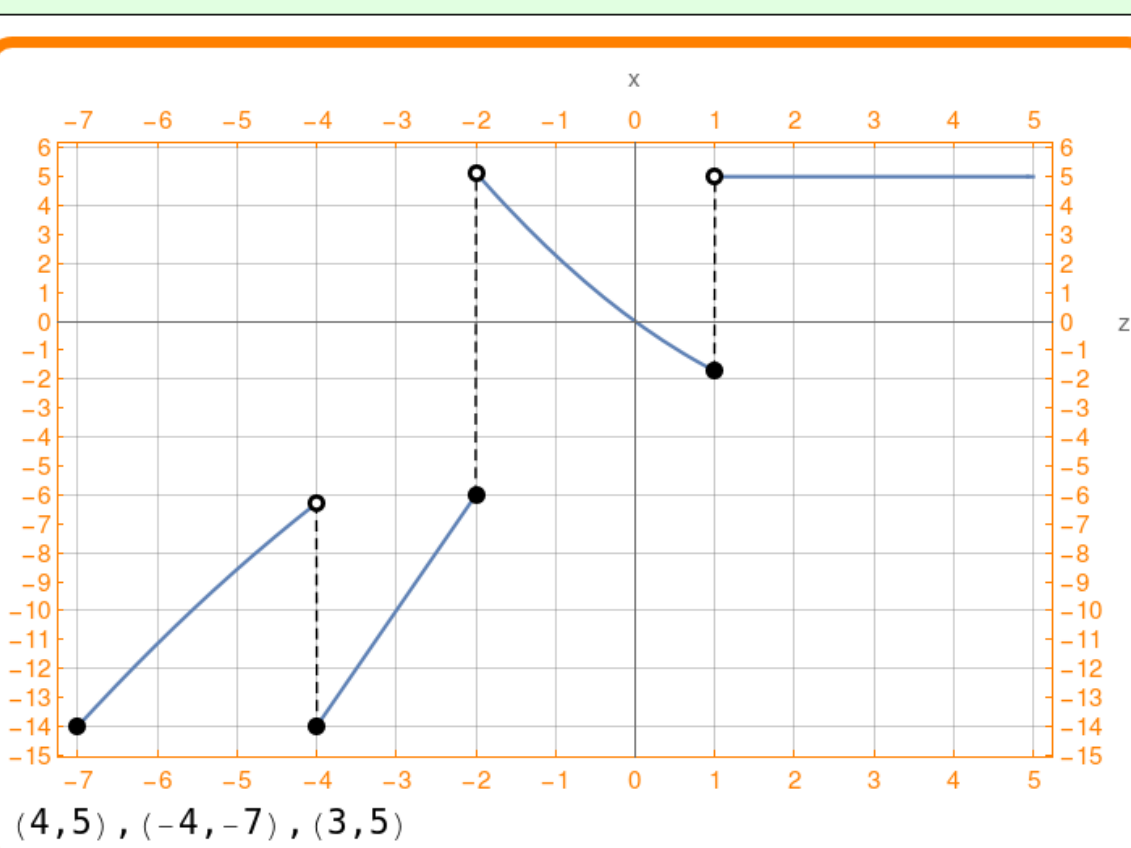
$(2, 5), (-6, \frac{78}{7}), (0, 0)$



$(4, 5), (2, 5), (-2, -3)$



$(1, -\frac{6}{7}), (-5, \frac{60}{7}), (3, 5)$



$(4, 5), (-4, -7), (3, 5)$

**Solution**