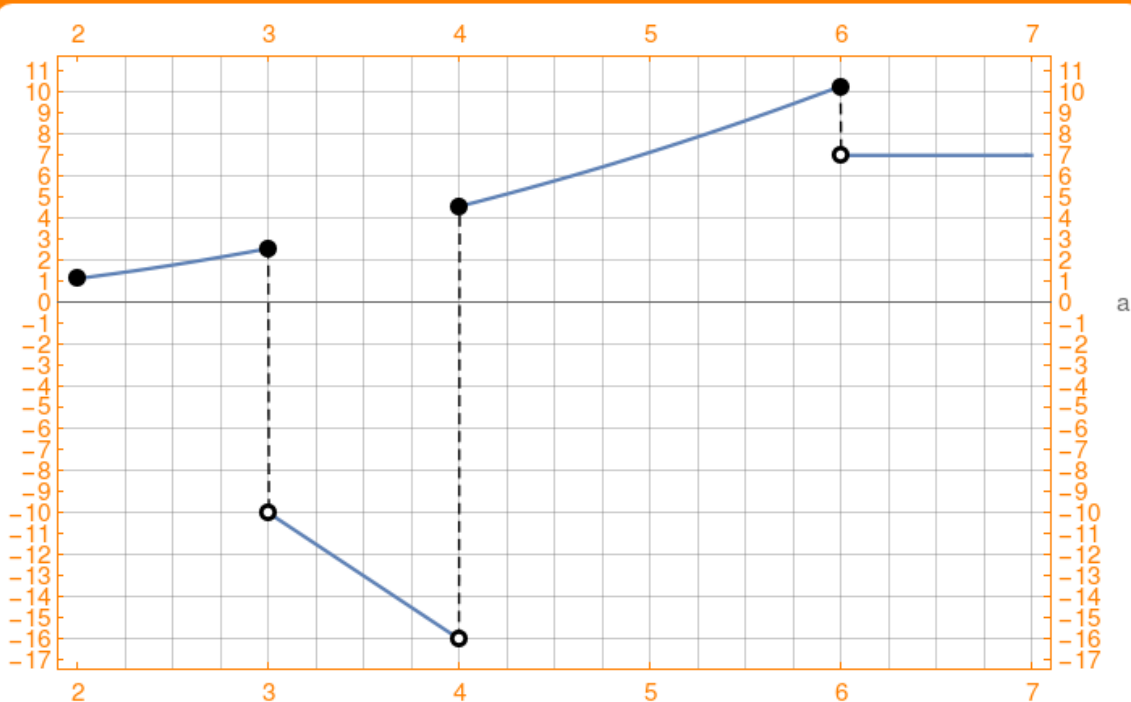


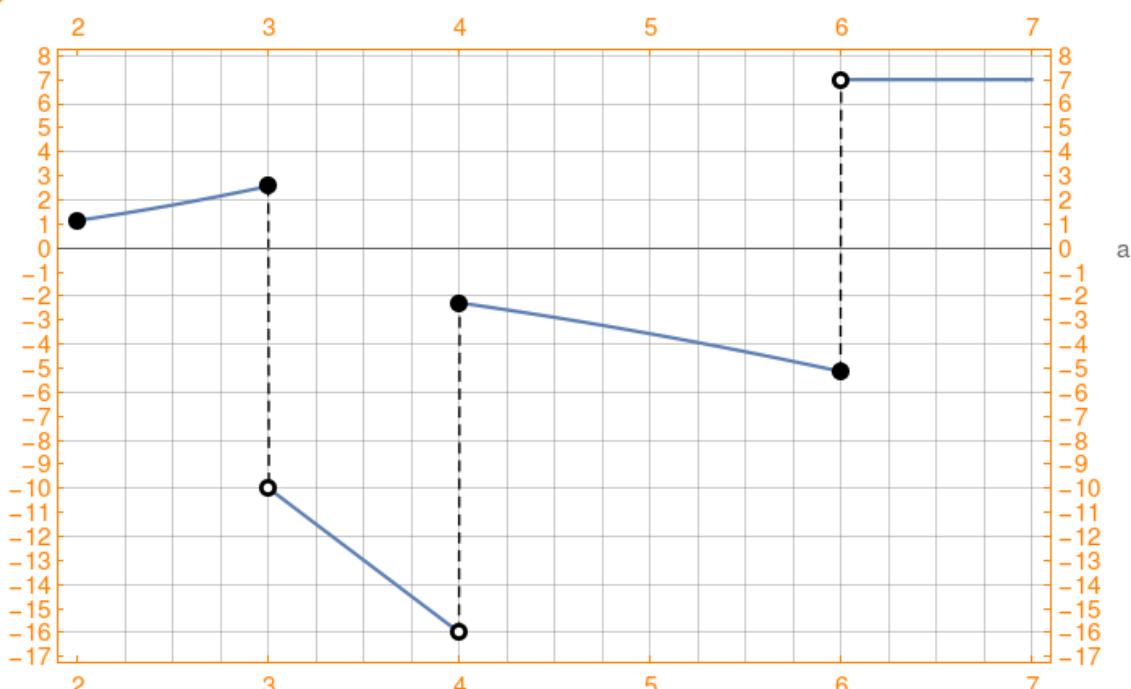
1. Given the function:

$$g(a) = \begin{cases} \frac{a^2}{7} & 2 \leq a \leq 3 \\ 4 - 3a & 3 < a < 4 \\ \frac{a^2}{7} & 4 \leq a \leq 6 \\ 7 & a > 6 \end{cases}$$

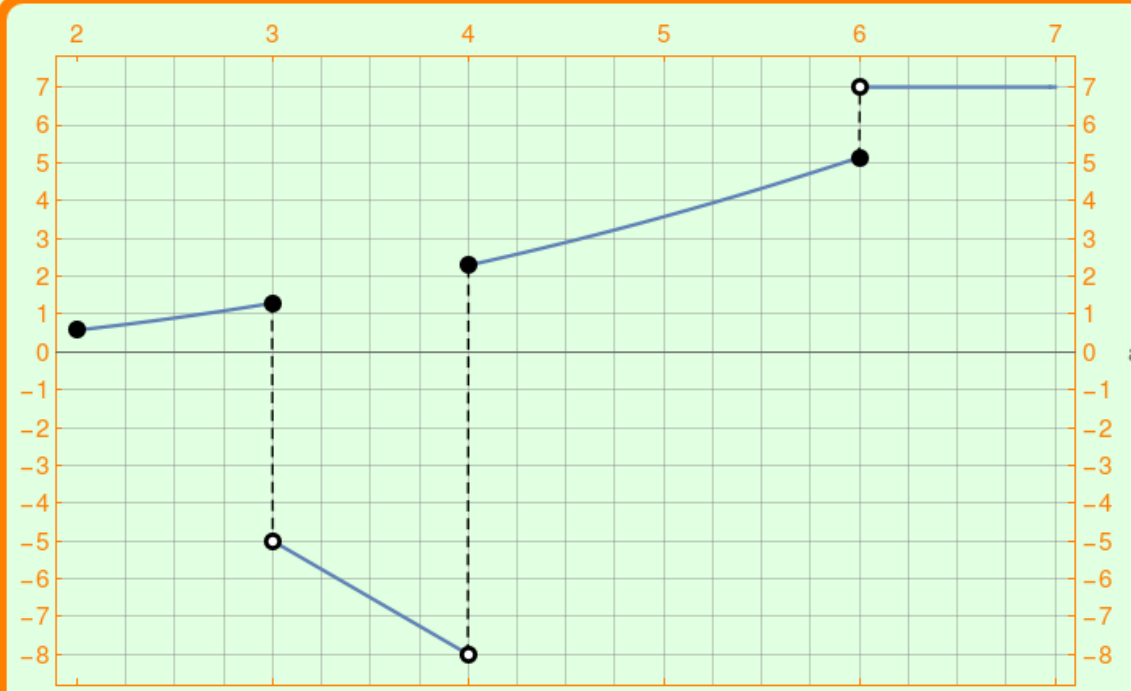
Which plot matches the points?



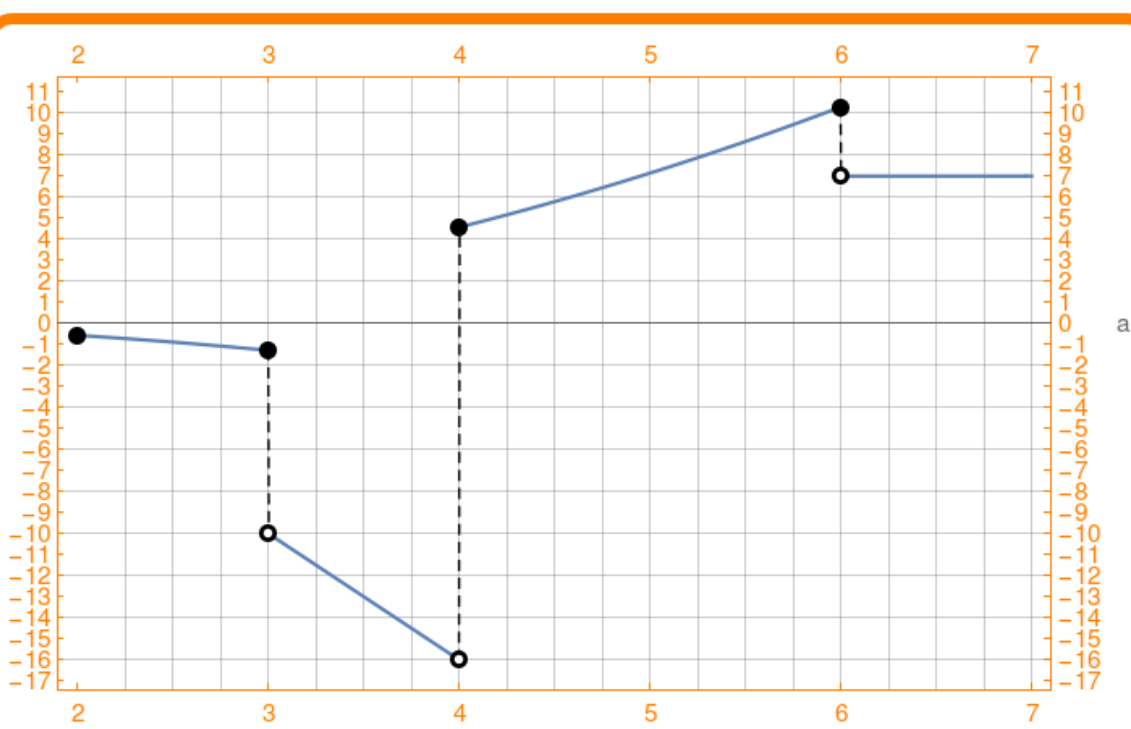
$$(6, \frac{36}{7}), (3, \frac{9}{7}), (4, \frac{16}{7})$$



$$(6, \frac{36}{7}), (5, \frac{25}{7}), (7, 7)$$



$$(7, 7), (6, \frac{36}{7}), (3, \frac{9}{7})$$



$$(6, \frac{36}{7}), (4, \frac{16}{7}), (3, \frac{9}{7})$$

Solution