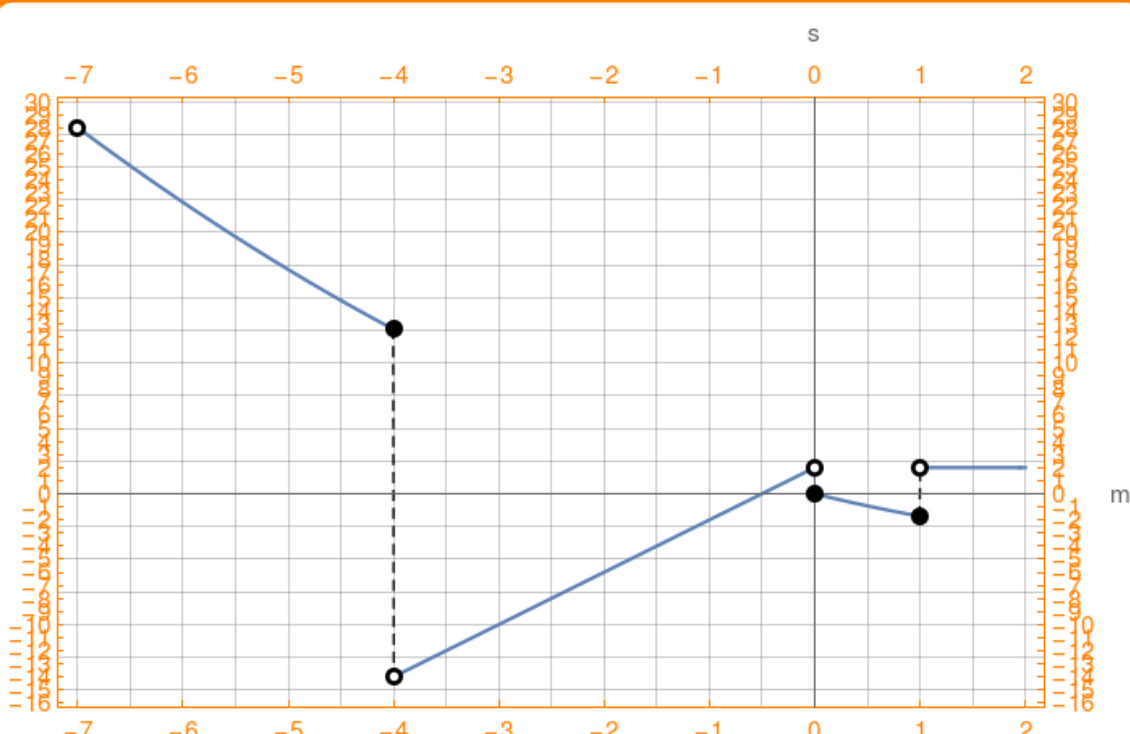


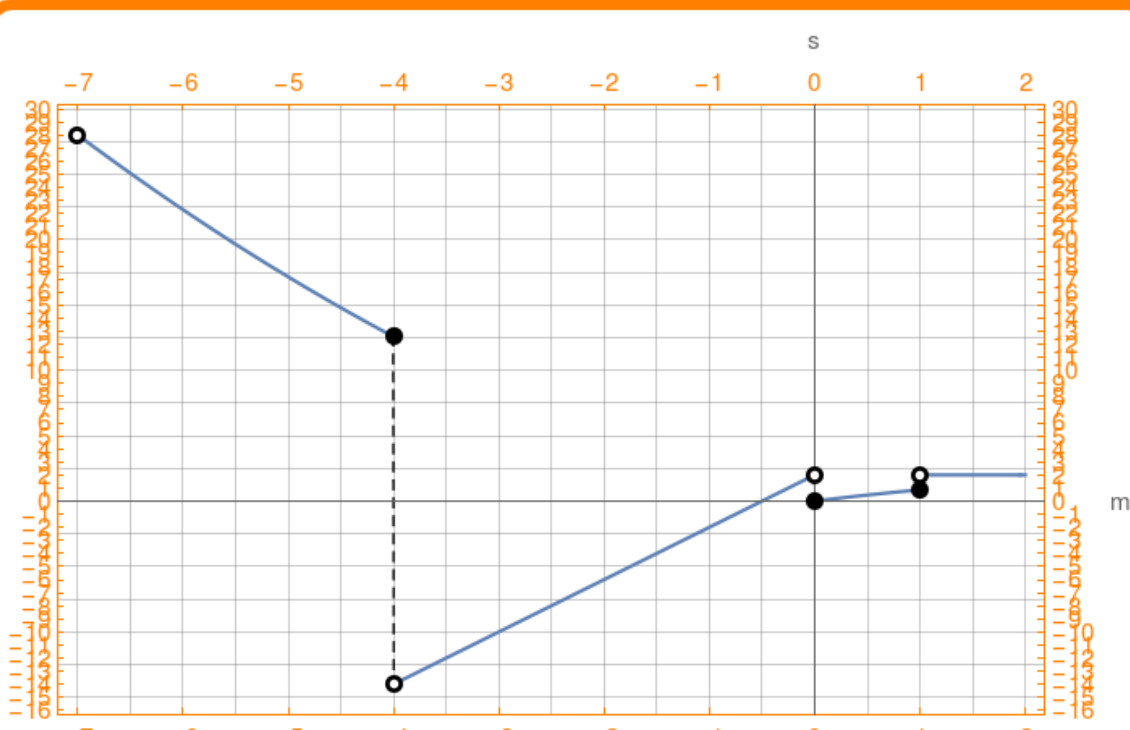
1. Given the function:

$$s(m) = \begin{cases} \frac{m^2}{7} - m & -7 < m \leq -4 \\ 2m + 1 & -4 < m < 0 \\ \frac{m^2}{7} - m & 0 \leq m \leq 1 \\ 2 & m > 1 \end{cases}$$

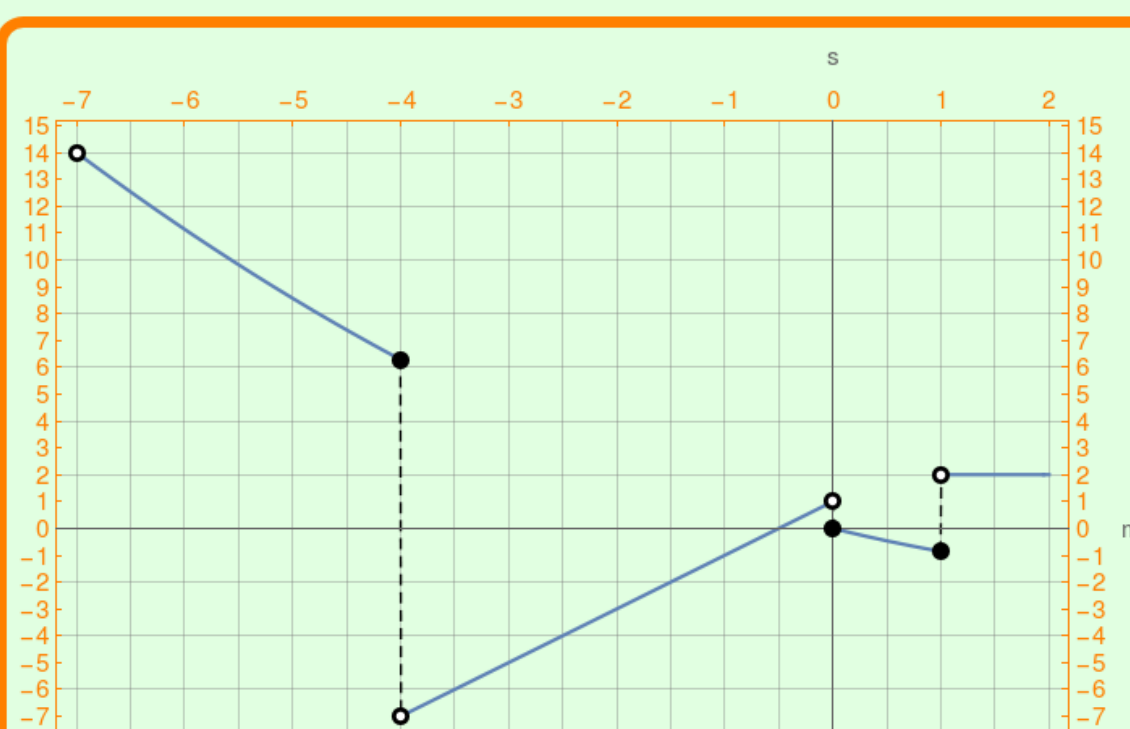
Which plot matches the points?



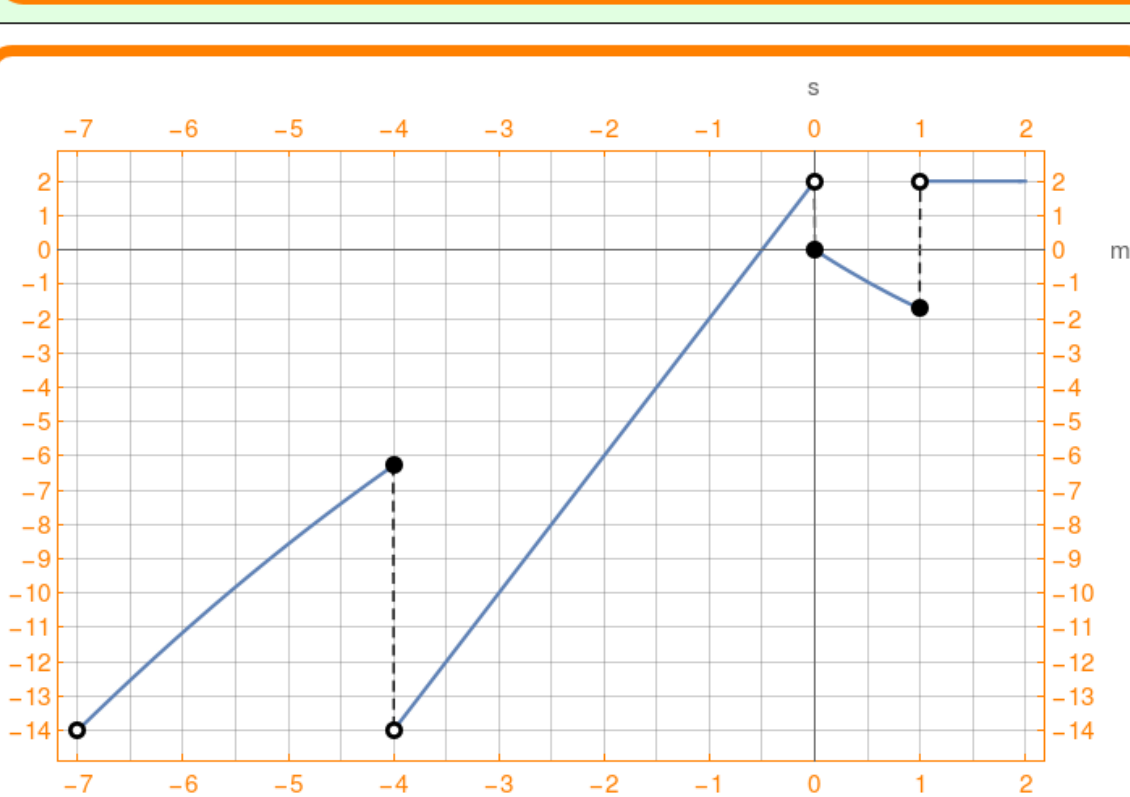
$$(-4, \frac{44}{7}), (-1, -1), (1, -\frac{6}{7})$$



$$(1, -\frac{6}{7}), (-4, \frac{44}{7}), (2, 2)$$



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



$$(-7, 0), (-5, \frac{60}{7}), (-1, -1)$$

Solution