Activity Pre-Assessment

For the graphed sinusoid \( y = \sin(x) \), sketch the graphs of the required transformations on the given grid.

1. \( y = -3 \sin(x) \)

2. \( y = \sin(x - \pi/2) \)
(3). $y = \sin(2x)$

(4). $y = \sin(x) - 2$
(5). \[ y = 2 \sin(x) + \sin(2x - \pi/4) \]