Activity Pre-Assessment Key

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). \( y = \sin(x) - 2 \)

Trigonometric Functions in My Heart Activity – Activity Pre-Assessment Key
(5). \( y = 2\sin(x) + \sin(2x - \pi/4) \)