

**B.** The graph of  $y = \sin x$  is reflected first in the line  $x = \pi$  and then in the line  $y = 2$ . The resulting graph has equation

- (a)  $y = \cos x$ ;      (b)  $y = 2 + \sin x$ ;      (c)  $y = 4 + \sin x$ ;      (d)  $y = 2 - \cos x$ .