

Correct. Find two points on the line  $y = -\frac{1}{2}x - 2$ . For example, find  $(0, -2)$  and  $(2, -3)$ . Plot the points and graph using a dashed line, because the inequality sign is  $<$ . Test an ordered pair on either side of the boundary line.

For  $(0, 0)$ :  $0 < -\frac{1}{2}(0) - 2$  or  $0 < -2$  FALSE

For  $(-2, -2)$ :  $-2 < -\frac{1}{2}(-2) - 2$  or  $-2 < -1$  TRUE

The region that includes  $(-2, -2)$  should be shaded.