

Given point A (5, -1) and point B (-3, 7), find the distance of segment AB, the slope of segment AB and the midpoint of segment AB.

Determine if the 2 lines are parallel, perpendicular, or neither.

Line 1 goes through the points $(-6, 1)$ and $(-4, -3)$

Line 2 goes through the points $(-8, -5)$ and $(2, 0)$