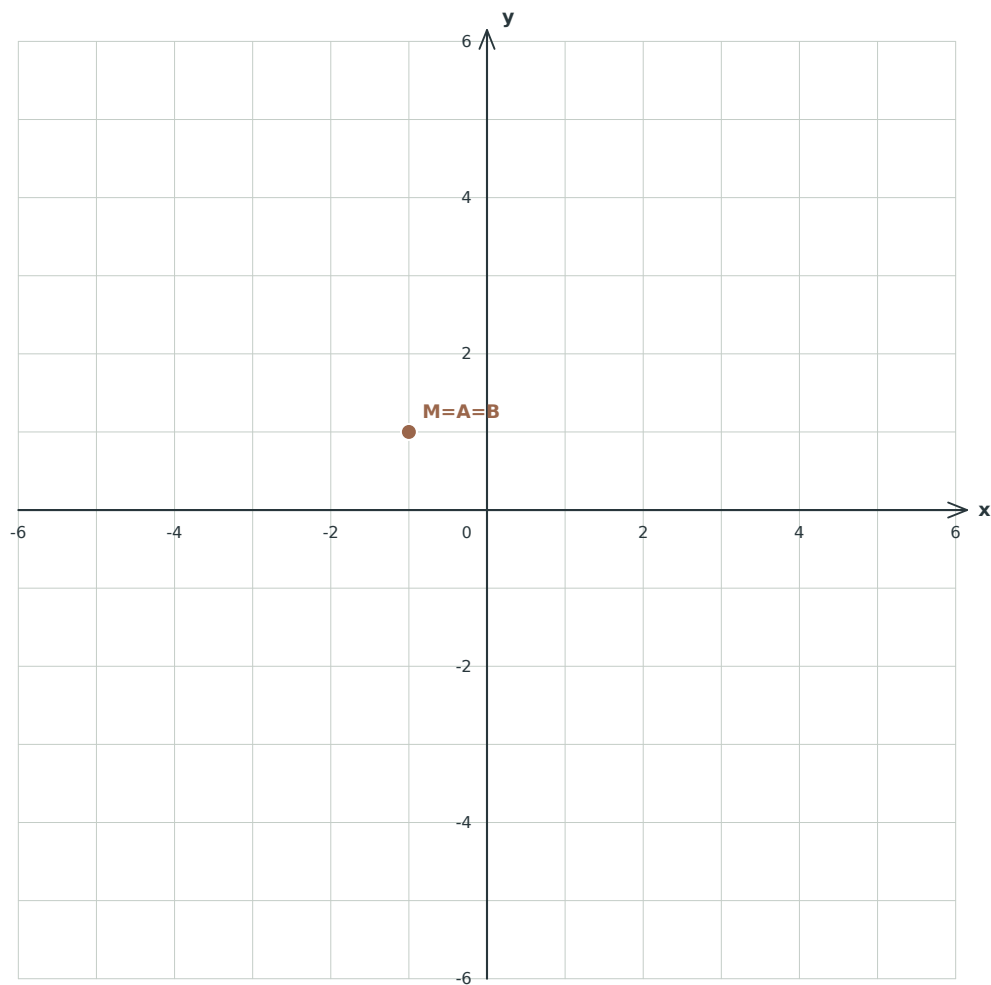


Coincident endpoints

Find the coordinate midpoint and straight-line distance. Do not measure the printed segment with a ruler to obtain coordinate units.

$$A = (-1, 1); B = (-1, 1). M = ((x_A + x_B)/2, (y_A + y_B)/2). d = \sqrt{dx^2 + dy^2}.$$



1. Find and plot the midpoint M. Compare the completed plot.
2. Calculate dx, dy and distance squared. Compare the completed plot.
3. State the nonnegative distance. Compare the completed plot.

Original practice data / coordinate units, not ruler measurements / physical printing not tested