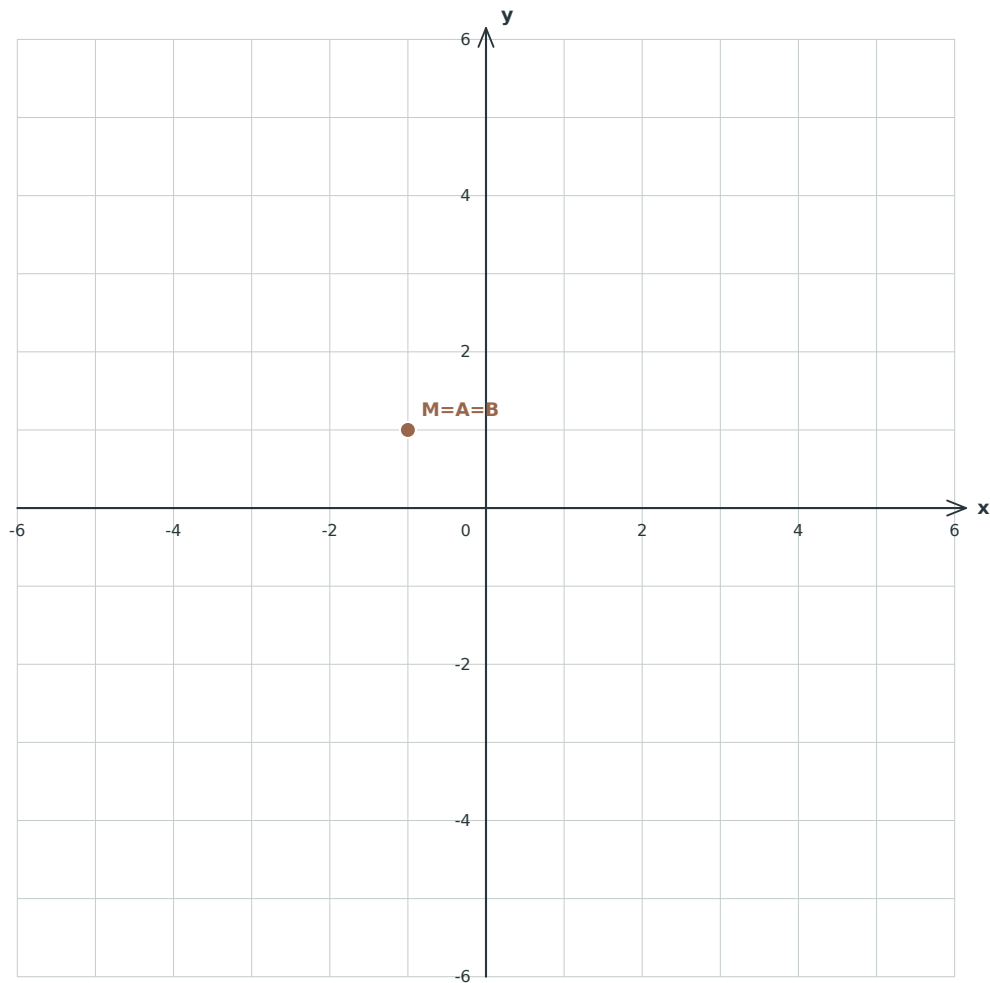


Coincident endpoints

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. (-1,1).
2. Calculate dx, dy and distance squared. $dx=0$, $dy=0$; $dx^2+dy^2=0$.
3. State the nonnegative distance. 0 units.

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