6.NS Plotting points in the coordinate plane

Task

a. For each set of points below, draw and label a set of coordinate axes and plot the points:

    i. $(1, 2), (3, -4), (-5, -2), \left(0, 2\frac{1}{2}\right),$

    ii. $(50, 50), (0, 0), (-10, -30), (-35, 40),$

    iii. $\left(\frac{1}{4}, \frac{3}{4}\right), \left(-\frac{5}{4}, \frac{1}{2}\right), \left(-1\frac{1}{4}, -\frac{3}{4}\right), \left(\frac{1}{4}, -\frac{2}{4}\right).$

b. How do the points influence your choice of scale for the axes?