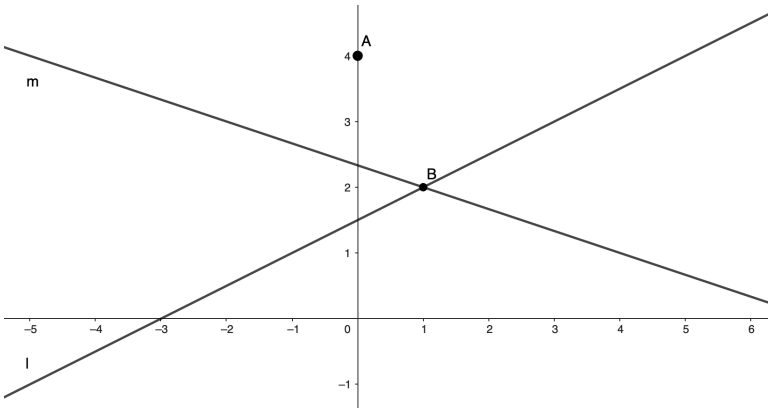
Point A has coordinates $(0, 4)$, and there are two lines, $l : y = \frac{1}{2}x + \frac{3}{2}, m : y = -\frac{1}{3}x + \frac{7}{3}$. Let B be the intersections of these two lines. Additionally, let point C lie on line m, and let point D lie on line l, creating parallelogram $ABCD$.[1]

(1): Find the equation of a line that passes through point A and is parallel to line m.
Hint: The slopes of two parallel lines are always equal.

(2): Find the coordinates of point D.

(3): Find the coordinates of point C.



[1]Nihon Women's University High School, Kanagawa