$$x = 0 \qquad x = l/2 \qquad x = l$$
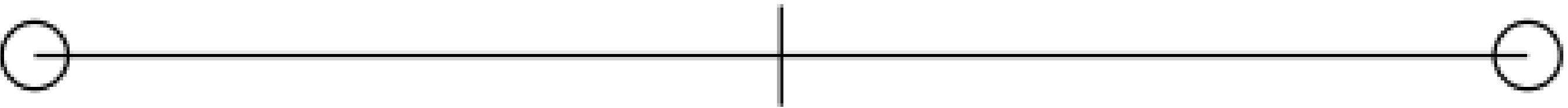

$$\xi = -1 \qquad \xi = 0 \qquad \xi = +1$$