The line $y = 4 - 2x$ intersects the circle $x^2 + y^2 - 10x - 8y + 1 = 0$ at the points P and Q.
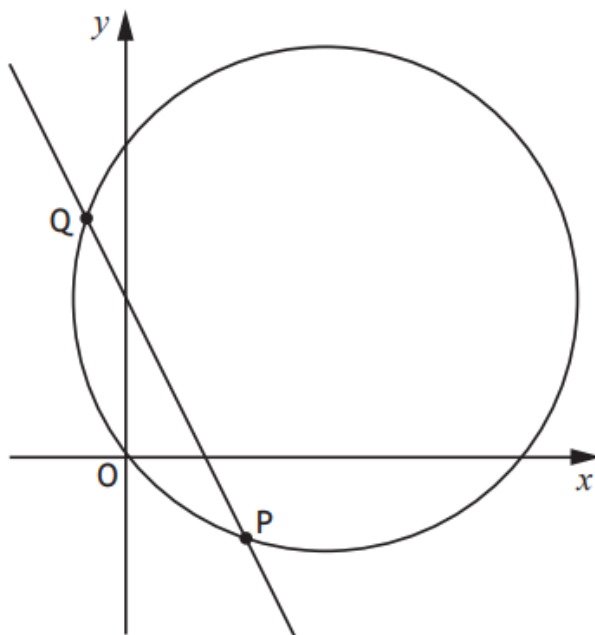
Find the coordinates of the points of intersection.   **4**

Answers: (−1,6) and (3,−2)