



The circle with equation $(x + 1)^2 + (y - 2)^2 = 85$ and the straight line with equation $y = 3x - 20$ are shown in the diagram. The line intersects the circle at A and B , and the centre of the circle is at C .

- (a)** Find, by calculation, the coordinates of A and B .

[4]

[illegible]

