

Coin in Slot

Did you discover all of the following?

If not try now!

- a) the equation of the line LN;
- b) the coordinates of L;
- c) the equation of the circle;
- d) the coordinates of N;
- e) the equation of NQ.
- f) The length of the diameter is doubled and the circle is translated 6 units to the right. Find the equation of the new circle?