Related Questions with Solutions

Questions

Quetion: 01

The length of the chord of the circle $x^2 + y^2 + 3x + 2y - 8 = 0$ intercepted by the y-axis is

---

Solutions

Solution: 01

We have, $x^2 + y^2 + 3x + 2y - 8 = 0$

Here, $g = \dfrac{3}{2}, f = 1, c = -8$

Length of intercept made by y-axis

$= 2\sqrt{f^2 - c} = 2\sqrt{(1) + 8} = 6$

Correct Options

Answer:01
Correct Answer: 6