

$$\Rightarrow z_1 \cdot z_2 = -1 \quad (\Rightarrow) \quad \frac{3}{4} \cdot \frac{b-6}{a-8} = -1 \quad | \cdot 4(a-8)$$

$$\Rightarrow 3(b-6) = -4(a-8) \quad (2)$$

yhtälöpari (1) ja (2)  $\Rightarrow$   $\begin{cases} a = -10, b = 30, a < 0 \\ \text{tai } a = 10, b = \frac{10}{3} \end{cases}$  ↓

$$\Rightarrow \underline{z_p = \left(10, \frac{10}{3}\right)}, r = \frac{10}{3}$$