

## STEP/Complex Numbers Q1 (14/6/23)

$$p - q = ki(r + s) \Rightarrow p^* - q^* = ? ,$$

where  $k$  is real (and  $p, q, r$  &  $s$  are complex)

## Solution

$$p^* - q^* = k(-i)(r^* + s^*)$$