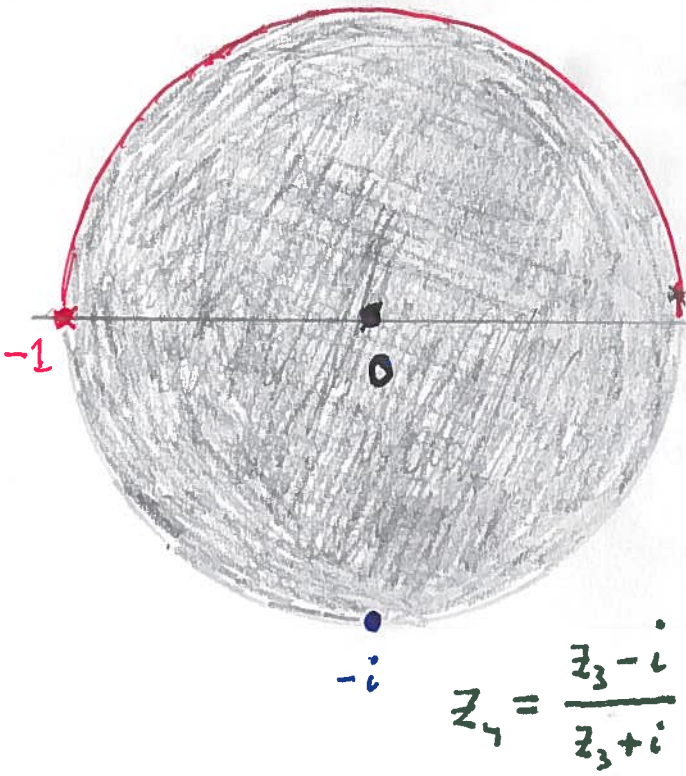
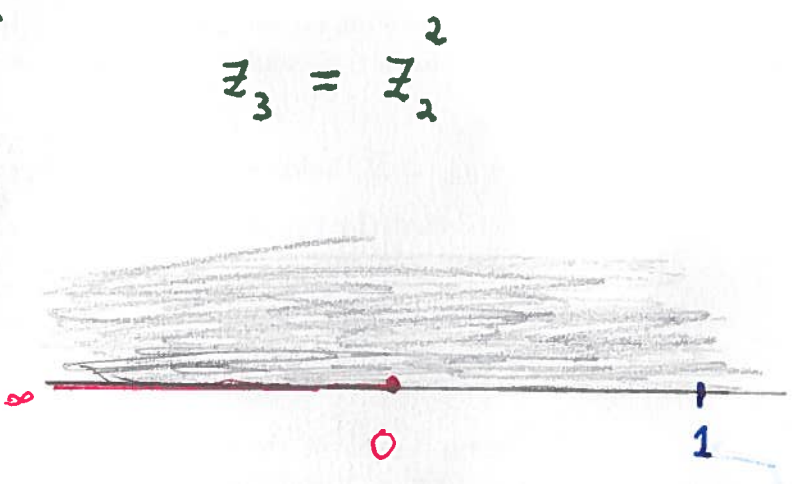
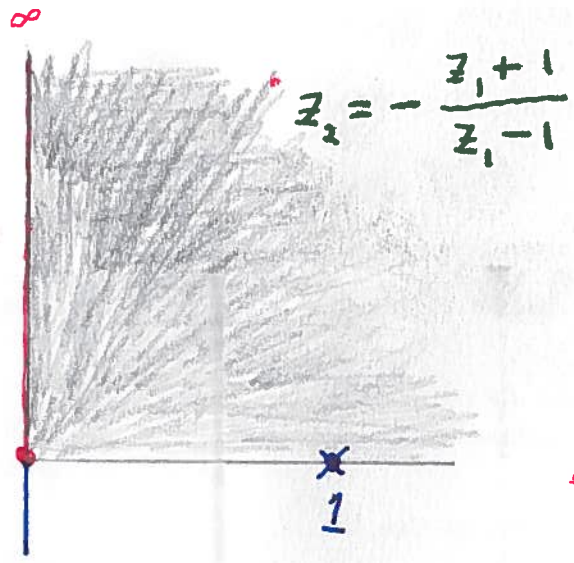
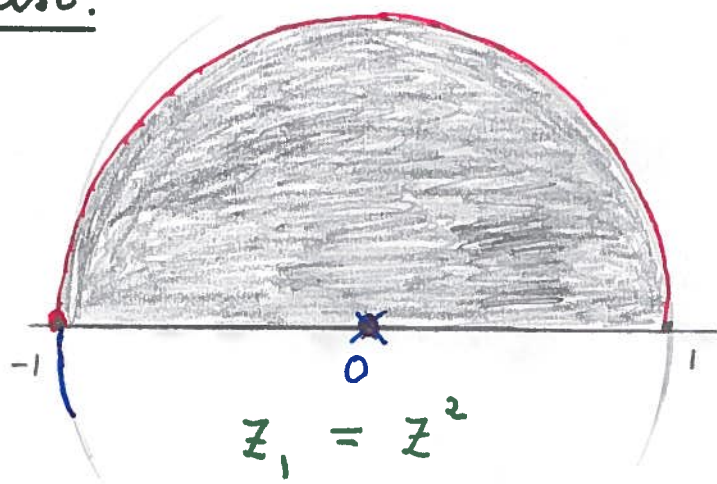
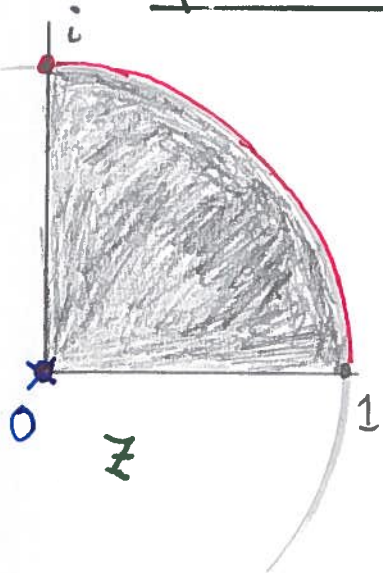


Quadrant of a disc conformally into
a disc.



Answer:

$$w = -i \frac{z^4 + 2iz^2 + 1}{z^4 - 2iz^2 + 1}$$

upon simplification