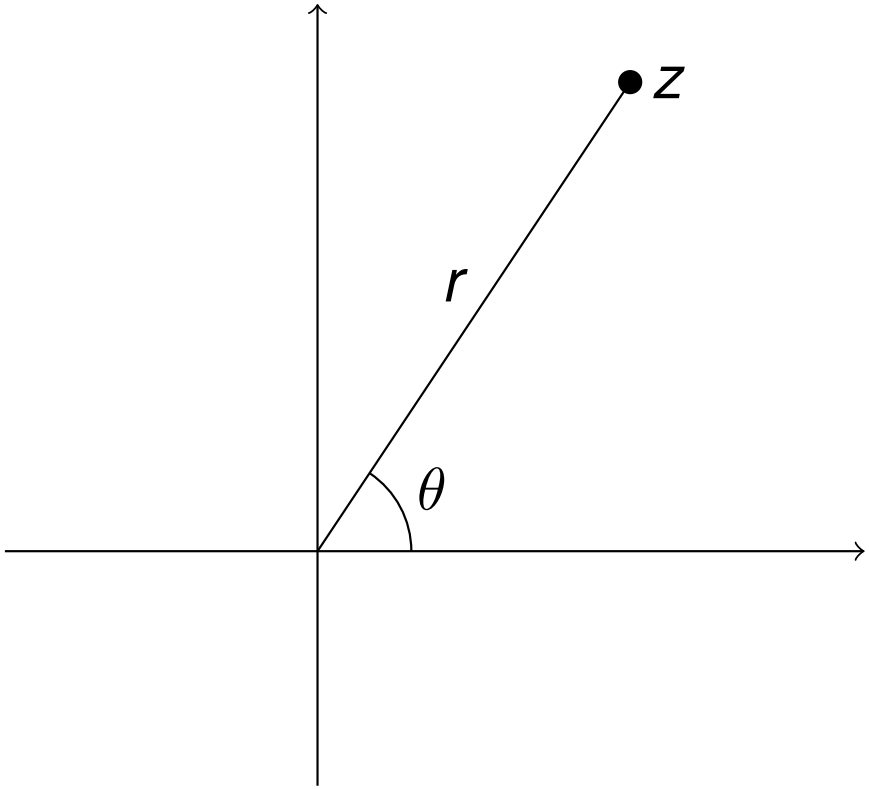
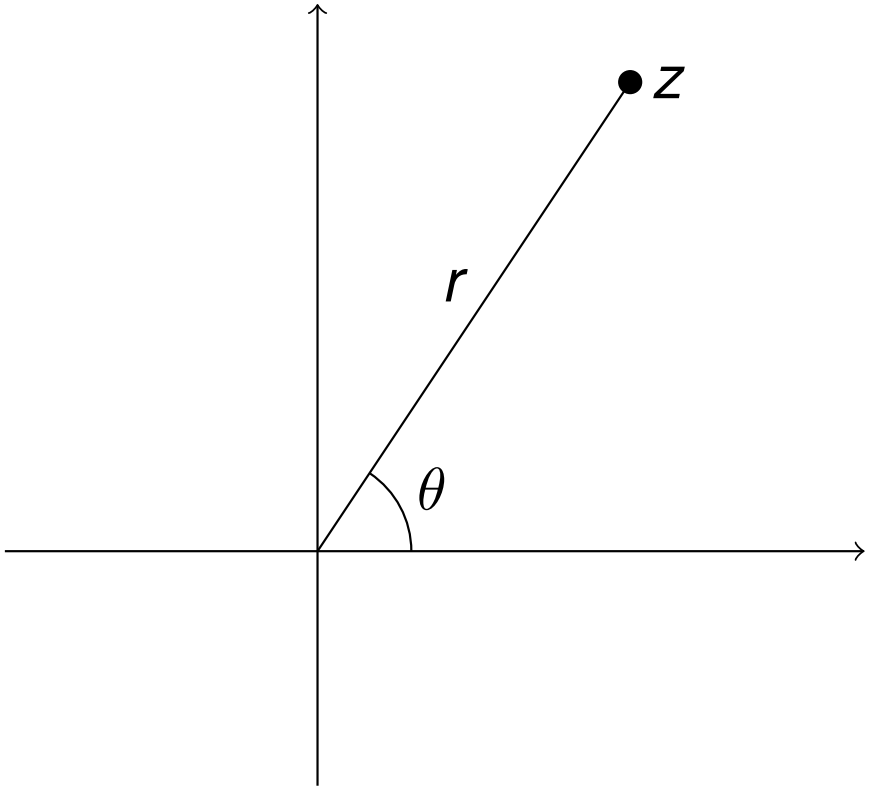
Polarform



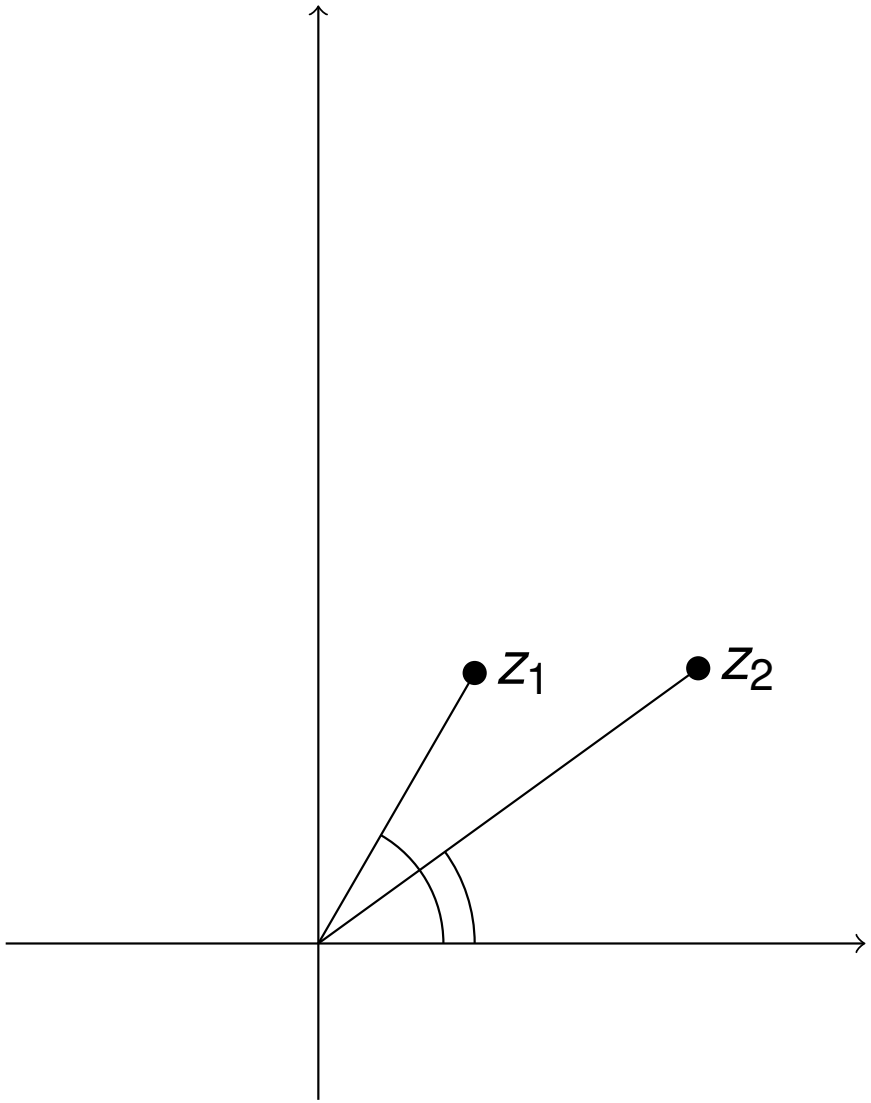
$$z = r(\cos\theta + i\sin\theta)$$

Polarform



$$z = r(\cos\theta + i\sin\theta) = re^{i\theta}$$

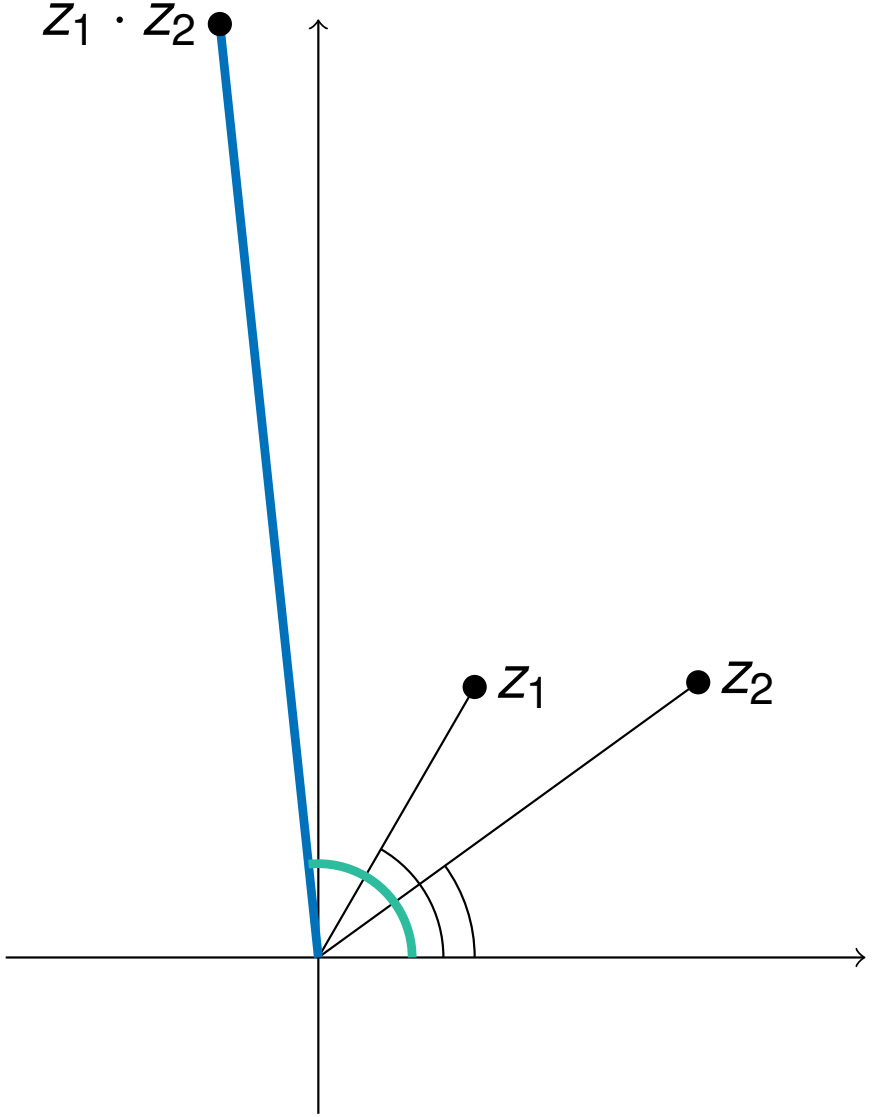
Multiplikasjon på polarform



$$z_1 = r_1 e^{i\theta_1}$$

$$z_2 = r_2 e^{i\theta_2}$$

Multiplikasjon på polarform



$$z_1 = r_1 e^{i\theta_1}$$

$$z_2 = r_2 e^{i\theta_2}$$

$$z_1 \cdot z_2 = (r_1 r_2) e^{i(\theta_1 + \theta_2)}$$