

## SOLUCIONES DE PASAR DE FORMA POLAR A CARTESIANA

1. Pasa los siguientes números complejos a forma cartesiana:

▪  $3_{21^\circ}$

$$3 \cdot \sin 21 \cdot I + 3 \cdot \cos 21 = 2.8 + 1.075I$$

▪  $54_{54^\circ}$

$$54 \cdot \sin 54 \cdot I + 54 \cdot \cos 54 = 31.74 + 43.69I$$

▪  $49_{180^\circ}$

$$49 \cdot \sin 180 \cdot I + 49 \cdot \cos 180 = -49$$

▪  $92_{8^\circ}$

$$92 \cdot \sin 8 \cdot I + 92 \cdot \cos 8 = 91.105 + 12.8I$$

▪  $120_{75^\circ}$

$$120 \cdot \sin 75 \cdot I + 120 \cdot \cos 75 = 31.06 + 115.91I$$

▪  $7_{270^\circ}$

$$7 \cdot \sin 270 \cdot I + 7 \cdot \cos 270 = -7I$$

▪  $81_{90^\circ}$

$$81 \cdot \sin 90 \cdot I + 81 \cdot \cos 90 = 81I$$

▪  $60_{0^\circ}$

$$60 \cdot \sin 0 \cdot I + 60 \cdot \cos 60 = 60$$