

**Example A-1:** In Fig. ??, the three complex numbers are

$r \angle \theta$	Cartesian Form
$2 \angle 45^\circ$	$z = \sqrt{2} + j\sqrt{2}$
$3 \angle 150^\circ$	$z = -\frac{3\sqrt{3}}{2} + j\frac{3}{2}$
$3 \angle -80^\circ$	$z = 0.521 - j2.954$

The conversion from polar to rectangular was done via (??).

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