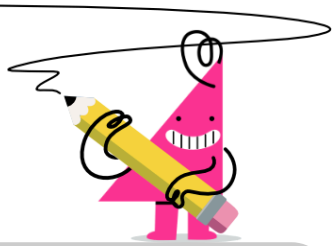
Name

Complex Numbers - Polar Form (Degrees) to Rectangular Form



1 $6.4(cos(129^\circ) + i \cdot sin(129^\circ))$

Find the rectangular form of this polar form complex number

A	B	C	D	E	F
$-4 + 5i$	$-6 + 4i$	$-9 + 4i$	$-4 + 4i$	$-9 + 3i$	$-8 + 4i$

2 $6.7(cos(243^\circ) + i \cdot sin(243^\circ))$

Find the rectangular form of this polar form complex number

A	B	C	D	E	F
$-5 - 7i$	$5 + 8i$	$-5 + 7i$	$-3 - 6i$	$-5 - 6i$	$5 + 7i$

3 $7.8(cos(220^\circ) + i \cdot sin(220^\circ))$

Find the rectangular form of this polar form complex number

A	B	C	D	E	F
$-7 + 7i$	$-7 + 6i$	$-6 - 5i$	$-6 - 6i$	$-7 - 7i$	$-7 - 6i$

4 $5.7(cos(135^\circ) + i \cdot sin(135^\circ))$

Find the rectangular form of this polar form complex number

A	B	C	D	E	F
$-4 + 3i$	$-4 - 3i$	$-4 + 2i$	$-4 + 1i$	$-4 - 1i$	$-4 + 4i$

5 $5.8(cos(301^\circ) + i \cdot sin(301^\circ))$

Find the rectangular form of this polar form complex number

A	B	C	D	E	F
$-4 + 5i$	$-4 + 6i$	$4 - 5i$	$6 - 5i$	$-6 + 5i$	$3 - 5i$

6 Find the rectangular form of this polar form complex number

$4.5(cos(27^\circ) + i \cdot sin(27^\circ))$

A	B	C	D	E	F
$4 + 4i$	$-3 - 6i$	$-2 - 6i$	$4 + 2i$	$4 + 6i$	$3 + 6i$

7 $7.2(cos(236^\circ) + i \cdot sin(236^\circ))$

Find the rectangular form of this polar form complex number

A	B	C	D	E	F
$-4 - 8i$	$-4 - 5i$	$-4 - 4i$	$-4 - 6i$	$-2 - 4i$	$-2 - 6i$

8 $5.8(cos(149^\circ) + i \cdot sin(149^\circ))$

Find the rectangular form of this polar form complex number

A	B	C	D	E	F
$6 + 4i$	$-5 - 3i$	$-5 + 4i$	$-5 + 3i$	$4 + 4i$	$5 + 4i$