



Complex Numbers - Modulus and Argument (Degrees) to Rectangular Form

1 Find the rectangular form of the complex number that has a modulus and argument (r, θ) of $(7.2, 304^\circ)$

A	B	C	D	E	F
$4 - 4i$	$4 - 2i$	$4 - 3i$	$4 - 7i$	$4 - 5i$	$4 - 6i$

3 Find the rectangular form of the complex number that has a modulus and argument (r, θ) of $(4.2, 225^\circ)$

A	B	C	D	E	F
$-2 + 5i$	$-3 - 3i$	$-2 - 7i$	$-3 - 5i$	$-2 + 7i$	$-3 - 7i$

5 Find the rectangular form of the complex number that has a modulus and argument (r, θ) of $(6.4, 39^\circ)$

A	B	C	D	E	F
$-5 - 3i$	$5 + 2i$	$-5 - 2i$	$-5 - 4i$	$5 + 4i$	$5 + 1i$

7 Find the rectangular form of the complex number that has a modulus and argument (r, θ) of $(5, 307^\circ)$

A	B	C	D	E	F
$2 + 6i$	$1 - 4i$	$2 + 4i$	$3 - 4i$	$2 - 6i$	$1 + 4i$

2 Find the rectangular form of the complex number that has a modulus and argument (r, θ) of $(6.4, 129^\circ)$

A	B
$-4 + 7i$	$-2 + 11i$
$-4 + 5i$	$-2 + 10i$
$-2 + 7i$	$-2 + 8i$

4 Find the rectangular form of the complex number that has a modulus and argument (r, θ) of $(5.7, 135^\circ)$

A	B	C	D	E	F
$-9 + 6i$	$-9 + 7i$	$-8 + 6i$	$-6 + 4i$	$-4 + 4i$	$-6 + 6i$

6 Find the rectangular form of the complex number that has a modulus and argument (r, θ) of $(5.8, 121^\circ)$

A	B
$-3 + 11i$	$-3 + 9i$
$-3 + 5i$	$-2 + 12i$
$-3 + 7i$	$-3 + 12i$

8 Find the rectangular form of the complex number that has a modulus and argument (r, θ) of $(4.5, 297^\circ)$

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