Math worksheet on *'Complex Numbers - Exponential (Radians) to Rectangular Form (Level 1)'*. Part of a broader unit on *'Complex Numbers'*

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1 Find the rectangular form of this complex number that is in exponential form

$6.4e^{1.3\pi i}$

a	b	c
$4-6i$	$4-5i$	$1-7i$
d	**e**	**f**
$-4-5i$	$3-7i$	$4-7i$

2 Find the rectangular form of this complex number that is in exponential form

$6.3e^{1.6\pi i}$

a	b	c
$-2-3i$	$2-6i$	$2-5i$
d	**e**	**f**
$2-4i$	$-3-3i$	$-2-4i$

3 Find the rectangular form of this complex number that is in exponential form

$5e^{1.2\pi i}$

a	b	c
$-3-4i$	$-4-5i$	$-4-6i$
d	**e**	**f**
$-4-2i$	$-4-3i$	$-4-4i$

4 Find the rectangular form of this complex number that is in exponential form

$6.7e^{1.4\pi i}$

a	b	c
$-4+8i$	$3-8i$	$3-6i$
d	**e**	**f**
$3-7i$	$-3+8i$	$-3-6i$

5 Find the rectangular form of this complex number that is in exponential form

$5e^{0.2\pi i}$

a	b	c
$4+1i$	$-6+1i$	$6-1i$
d	**e**	**f**
$4-1i$	$6+1i$	$4+3i$

6 Find the rectangular form of this complex number that is in exponential form

$6.4e^{0.2\pi i}$

a	b	c
$2+1i$	$2+4i$	$4+4i$
d	**e**	**f**
$2+3i$	$2+2i$	$5+4i$

7 Find the rectangular form of this complex number that is in exponential form

$4.2e^{1.8\pi i}$

a	b	c
$3-3i$	$5+1i$	$1-1i$
d	**e**	**f**
$4+1i$	$3+1i$	$3-1i$

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