

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

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Find the polar form in degrees of this complex number

 $3.6(cos(56^{\circ}) + i \cdot sin(56^{\circ}))$

 $\mathbf{p}_{3(cos(360^{\circ})+i\cdot sin(360^{\circ}))}$

 $5.3(cos(11^{\circ}) + i \cdot sin(11^{\circ}))$

 $2.8(cos(360^{\circ}) + i \cdot sin(360^{\circ}))$

 $oldsymbol{f}_{.8(cos(321^\circ)+i\cdot sin(321^\circ))}$

2 Find the polar form in degrees of this complex number

$$3.1(cos(341^{\circ})+i\cdot sin(341^{\circ}))$$

$$\mathbf{b}$$
3.4 $(cos(299^\circ) + i \cdot sin(299^\circ))$

$$-3 - 6i$$

$$\mathbf{5.7} (cos(298^\circ) + i \cdot sin(298^\circ))$$

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

$$\mathbf{6.4}(cos(309^\circ) + i \cdot sin(309^\circ))$$

$$\mathbf{f}_{\mathbf{5}}(cos(270^{\circ})+i\cdot sin(270^{\circ}))$$

Find the polar form in degrees of this complex number

$$\mathbf{5.8}(cos(31^{\circ})+i\cdot sin(31^{\circ}))$$

$$oldsymbol{b}_{0.1}(cos(354^\circ)+i\cdot sin(354^\circ))$$

$$6.8(cos(211^{\circ})+i\cdot sin(211^{\circ}))$$

$$\mathbf{9.5}(cos(337^{\circ})+i\cdot sin(337^{\circ}))$$

$$5.1(cos(349^\circ)+i\cdot sin(349^\circ))$$

$$8.1(cos(338^\circ) + i \cdot sin(338^\circ))$$

4 Find the polar form in degrees of this complex number

$$8.5(cos(56^\circ) + i \cdot sin(56^\circ))$$

$$9.1(cos(310^\circ)+i\cdot sin(310^\circ))$$

$$6.8(cos(48^{\circ}) + i \cdot sin(48^{\circ}))$$

$$-6 + 4i$$

$$r.2(cos(140) + i \cdot sin(140))$$

$$\textbf{8.}3(cos(303^\circ)+i\cdot sin(303^\circ))$$

$$\mathbf{6.8}(cos(324^{\circ})+i\cdot sin(324^{\circ}))$$

5 Find the polar form in degrees of this complex number

$$5(cos(127^{\circ})+i\cdot sin(127^{\circ}))$$

$$(\cos(61^\circ) + i \cdot \sin(61^\circ))$$

$$8.8(cos(307^\circ) + i \cdot sin(307^\circ))$$

$$\textbf{6}.4(cos(39^\circ) + i \cdot sin(39^\circ))$$

$$\mathbf{f}_{0.5}(cos(59^{\circ})+i\cdot sin(59^{\circ}))$$

$$\mathbf{5}.6(cos(321^\circ) + i \cdot sin(321^\circ))$$

6 Find the polar form in degrees of this complex number

$$8.1(cos(330^\circ) + i \cdot sin(330^\circ))$$

$$6.4(cos(51^{\circ})+i\cdot sin(51^{\circ}))$$

$$8.1(cos(330^\circ)+i\cdot sin(330^\circ)$$

$$\mathbf{f}_{3}(cos(344^{\circ}) + i \cdot sin(344^{\circ}))$$

$$8.6(cos(306^\circ) + i \cdot sin(306^\circ))$$

$$6.4(cos(39^\circ) + i \cdot sin(39^\circ))$$

$$\mathbf{f}_{.8(cos(329^\circ)+i\cdot sin(329^\circ))}$$

7 Find the polar form in degrees of this complex number

$$\mathbf{5.3}(cos(50^{\circ})+i\cdot sin(50^{\circ}))$$

$$5.9(cos(43^{\circ}) + i \cdot sin(43^{\circ}))$$

$$\mathbf{\S}.4(cos(292^\circ)+i\cdot sin(292^\circ))$$

$$\mathbf{R}_{.6(cos(300^\circ)+i\cdot sin(300^\circ))}$$

$$\mathbf{g}$$
.3 $(cos(22^{\circ}) + i \cdot sin(22^{\circ}))$

$$oldsymbol{\dot{b}}.9(cos(299^\circ)+i\cdot sin(299^\circ))$$