



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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- 2** Find the polar form in degrees of this complex number

$$-3 - 6i$$

- 4** Find the polar form in degrees of this complex number

$$-6 + 4i$$

- 6** Find the polar form in degrees of this complex number

$$4 + 5i$$

- 1** Find the polar form in degrees of this complex number

$$2 + 3i$$

- 3** Find the polar form in degrees of this complex number

$$5 + 3i$$

- 5** Find the polar form in degrees of this complex number

$$5 + 4i$$

- 7** Find the polar form in degrees of this complex number

$$2 - 5i$$

**a**  $3.6(\cos(56^\circ) + i \cdot \sin(56^\circ))$

**b**  $4.3(\cos(360^\circ) + i \cdot \sin(360^\circ))$

**c**  $5.3(\cos(11^\circ) + i \cdot \sin(11^\circ))$

**d**  $4.8(\cos(24^\circ) + i \cdot \sin(24^\circ))$

**e**  $2.8(\cos(360^\circ) + i \cdot \sin(360^\circ))$

**f**  $4.8(\cos(321^\circ) + i \cdot \sin(321^\circ))$

**a**  $3.8(\cos(31^\circ) + i \cdot \sin(31^\circ))$

**b**  $9.1(\cos(354^\circ) + i \cdot \sin(354^\circ))$

**c**  $5.8(\cos(211^\circ) + i \cdot \sin(211^\circ))$

**d**  $7.5(\cos(337^\circ) + i \cdot \sin(337^\circ))$

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

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

**a**  $5(\cos(127^\circ) + i \cdot \sin(127^\circ))$

**b**  $8(\cos(61^\circ) + i \cdot \sin(61^\circ))$

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

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

**e**  $10.5(\cos(59^\circ) + i \cdot \sin(59^\circ))$

**f**  $9.6(\cos(321^\circ) + i \cdot \sin(321^\circ))$

**a**  $5.3(\cos(50^\circ) + i \cdot \sin(50^\circ))$

**b**  $5.9(\cos(43^\circ) + i \cdot \sin(43^\circ))$

**c**  $5.4(\cos(292^\circ) + i \cdot \sin(292^\circ))$

**d**  $4.6(\cos(300^\circ) + i \cdot \sin(300^\circ))$

**e**  $5.3(\cos(22^\circ) + i \cdot \sin(22^\circ))$

**f**  $6.9(\cos(299^\circ) + i \cdot \sin(299^\circ))$