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	Klasse: 20		Dato: 20. januar 2023	Fag: Matematik A

## **Opgave 026**

$$Z = 1 - \sqrt{3}i$$

$$|Z| = \sqrt{1^2 + \sqrt{3}^2}$$

$$|Z| = 2$$

$$\theta = \tan^{-1}\left(\frac{\sqrt{3}}{1}\right)$$

$$\theta = 1,047198$$

$$Z = |Z|(\cos \theta + \sin \theta \cdot i)$$