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	Klasse: 20		Dato: 23. maj 2022	Fag: Matematik A

## **Opgave 325**

$$f(x) = 2 \cos(x) - 1$$

$$f'(x) = -2 \cdot \sin(x)$$

Opgave B

$$f'(x) = 0$$

$$-2 \cdot \sin(x) = 0$$

$$\sin(x) = \frac{0}{-2}$$

$$x = \sin^{-1}\left(\frac{0}{-2}\right)$$

$$x_1 = 0$$

$$x_2 = x_1 + \pi$$

$$x_2 = \pi$$

$$x_3 = x_1 + 2\pi$$

$$x_3 = 2\pi$$

$$x_4 = x_1 + 3\pi$$

$$x_4 = 3\pi$$

$$x_5 = x_1 + 4\pi$$

$$x_5 = 4\pi$$