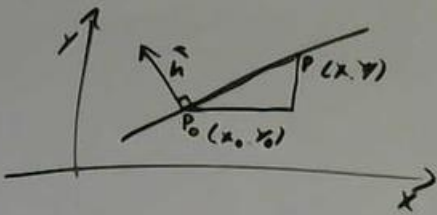


	Navn:		Skole:	
	Klasse: 20		Dato: 27. december 2022	Fag: Matematik A

### Opgave 013

013



$$\vec{n} = \begin{pmatrix} a \\ b \end{pmatrix}$$

$$ax + by + c = 0$$

$$\vec{P_0P} = \begin{pmatrix} x - x_0 \\ y - y_0 \end{pmatrix}$$

$$\vec{n} \cdot \vec{P_0P} = 0$$

$$a(x - x_0) + b(y - y_0) = 0$$

$$ax + by - \underline{ax_0 - by_0} = 0$$

$$ax + by + c = 0$$