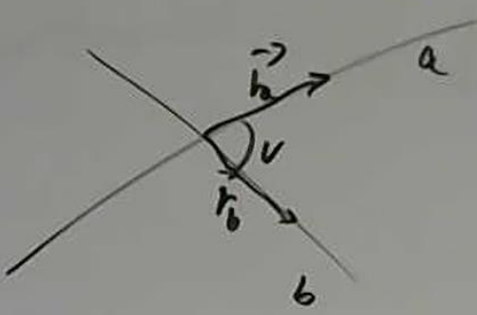


	Navn:		Skole:	
	Klasse: 20		Dato: 29. december 2022	Fag: Matematik A

### Opgave 026

026



$$\vec{r}_a \cdot \vec{r}_b = |\vec{r}_a| \cdot |\vec{r}_b| \cdot \cos(v)$$

$$\cos(v) = \frac{\vec{r}_a \cdot \vec{r}_b}{|\vec{r}_a| \cdot |\vec{r}_b|}$$

$$v = \arccos\left(\frac{\vec{r}_a \cdot \vec{r}_b}{|\vec{r}_a| \cdot |\vec{r}_b|}\right)$$