

	Navn:		Skole:	
	Klasse: 20		Dato: 17. august 2021	Fag: Matematik A

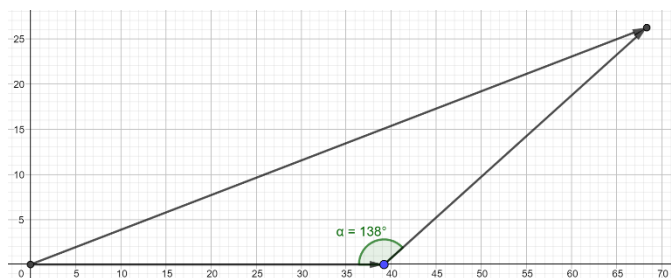
### Opgave 430

$$a = 11.52$$

$$b = 21.53$$

$$v = 180 - 72.4$$

$$v = 107.6$$



$$c = \sqrt{a^2 + b^2 - 2ab \cdot \cos(v)}$$

$$c = \sqrt{11.52^2 + 21.53^2 - 2 \cdot 11.52 \cdot 21.53 \cdot \cos(107.6)}$$

$$c = \sqrt{132.71 + 463.54 - 496.05 \cdot (-0.302)}$$

$$c = \sqrt{596.25 + 149.81}$$

$$c = \sqrt{746.06}$$

$$c = 27.31$$