

	Navn:		Skole:	
	Klasse: 20		Dato: 22. februar 2022	Fag: Matematik A

Opgave 235

$$P1(0,0)$$

$$P2(4,2)$$

$$P3(6,0)$$

Opstiller forskellige formler

$$r^2 = (x - a)^2 + (y - b)^2$$

$$r^2 = (0 - a)^2 + (0 - b)^2$$

$$r^2 = (4 - a)^2 + (2 - b)^2$$

$$r^2 = (6 - a)^2 + (0 - b)^2$$



The system of equations is solved for r,a,b by WordMat's 'solve equation' function,

$$(r = 3.16 \quad \wedge \quad a = 3 \quad \wedge \quad b = -1)$$

$$3.16^2 = (x - 3)^2 + (y - 1)^2$$

