









1 	$O := (0, 0, 0)$ $\rightarrow \mathbf{O} := (0, 0, 0)$
2 	$A := (4, 3, 1)$ $\rightarrow \mathbf{A} := (4, 3, 1)$
3 	$B := (2, 2, 0)$ $\rightarrow \mathbf{B} := (2, 2, 0)$
4 	$C := (1, 2, -2)$ $\rightarrow \mathbf{C} := (1, 2, -2)$
5 	$ab := \text{Vektor}[A, B]$ $\rightarrow \mathbf{ab} := \begin{pmatrix} -2 \\ -1 \\ -1 \end{pmatrix}$
6 	$ac := \text{Vektor}[A, C]$ $\rightarrow \mathbf{ac} := \begin{pmatrix} -3 \\ -1 \\ -3 \end{pmatrix}$
7 	$n := ab \otimes ac$ $\rightarrow \mathbf{n} := \begin{pmatrix} 2 \\ -3 \\ -1 \end{pmatrix}$
8 	$(x-4, y-3, z-1) \cdot \mathbf{n} = 0$ $\rightarrow 2x - 3y - z + 2 = 0$

9	$T := (2, 5, 4t + 1)$ $\rightarrow \mathbf{T} := (2, 5, 4t + 1)$
10	$at := \text{Vektor}[A, T]$ $\rightarrow \mathbf{at} := \begin{pmatrix} -2 \\ 2 \\ 4t \end{pmatrix}$
11	$\text{abs}((ab \otimes ac) * at) / 6 = 3$ $\rightarrow \frac{1}{6}  4t + 10  = 3$
12	$1 / 6 \text{abs}(4t + 10) = 3$ <input type="radio"/> Løs: $\{t = -7, t = 2\}$
13	