






1	132 b
2	$(3,1,2) \otimes (1,2,3)$
<input type="radio"/>	$\rightarrow (-1, -7, 5)$
3	136
4	$u := (4, -3, 1)$
<input checked="" type="radio"/>	$\rightarrow \begin{pmatrix} 4 \\ -3 \\ 1 \end{pmatrix}$
5	$v := (1, 2, 3)$
<input checked="" type="radio"/>	$\rightarrow \begin{pmatrix} 1 \\ 2 \\ 3 \end{pmatrix}$
6	$A_1 := \text{Lengde}[u \otimes v] / 2$
<input type="radio"/>	$\rightarrow \frac{1}{2} \sqrt{3} \cdot 11$
7	$A_2 := \text{sqrt}(u^2 v^2 - (u \cdot v)^2) / 2$
<input type="radio"/>	$\rightarrow \frac{1}{2} \sqrt{3} \cdot 11$
8	b)
9	$A := (4, -1, -1)$
<input checked="" type="radio"/>	$\rightarrow (4, -1, -1)$
10	$B := (7, 1, -3)$
<input checked="" type="radio"/>	$\rightarrow (7, 1, -3)$

11	$C := (6, -4, -2)$  $\rightarrow (6, -4, -2)$
12	$ab := \text{Vektor}[A, B]$  $\rightarrow \begin{pmatrix} 3 \\ 2 \\ -2 \end{pmatrix}$
13	$ac := \text{Vektor}[A, C]$  $\rightarrow \begin{pmatrix} 2 \\ -3 \\ -1 \end{pmatrix}$
14	$A_b := \text{sqrt}(ab^2 ac^2 - (ab \cdot ac)^2) / 2$  $\rightarrow \frac{3}{2} \sqrt{26}$
15	$A_{\{b\}} := \text{Lengde}[ab \otimes ac] / 2$  $\rightarrow \frac{3}{2} \sqrt{26}$
16	