$$|\vec{A} \times \vec{B}| = |\vec{b} \times \vec{b} \times \vec{b}| = |\vec{b} \times \vec{b}| = |\vec{$$

$$= |z(-1) - z(1-2) + |h(1)| = |(-1, 1, 1)|$$

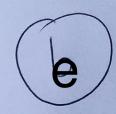
$$= \sqrt{3}$$

(16.) Proj
$$\vec{\beta} = (\vec{A} \cdot \vec{B}) \vec{B} = \vec{A} \cdot \vec{B} \vec{B}$$

$$\vec{A} \cdot \vec{B} = (1, -1, 2) \cdot (1, 0, 1) = 1 + 2 = 3$$

$$|\vec{B}| = \sqrt{1^2 + 0^2 + 1^2} = \sqrt{2}$$

$$Proj_{\vec{B}} \vec{A} = \frac{3}{2} \vec{B} = \frac{3}{2} (1,0,+1)$$



none of the above