

### Answer on Question #51548, Physics, Other

**Task:**

10 Which of the following is NOT correct?

A  $\vec{k} \cdot \vec{k} = 1$

B  $\vec{i} \times \vec{j} = \vec{k}$

C  $\vec{i} \times \vec{k} = -\vec{j}$

D  $\vec{j} \cdot \vec{j} = 0$

**Answer:** D  $\vec{j} \cdot \vec{j} = 0$  is NOT correct,  $\vec{j} \cdot \vec{j} = 1$ .

<https://www.AssignmentExpert.com>