

## Answer on Question #51548, Physics, Other

**Task:**

10 Which of the following is NOT correct?

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

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

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

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

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

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