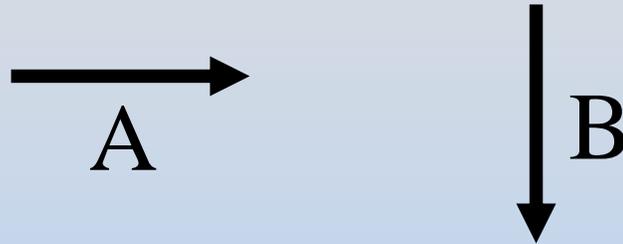


Concept Question: Cross Product

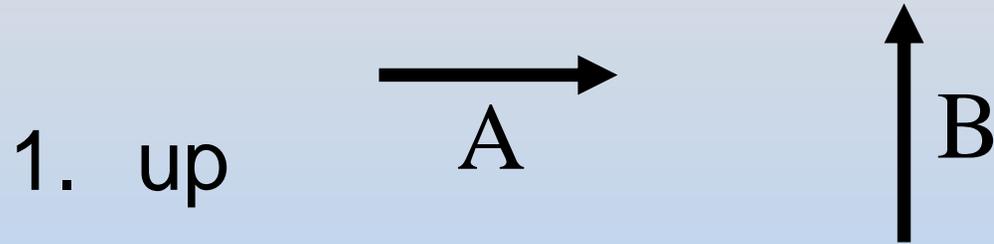
What is the direction of $A \times B$ given the following two vectors?



1. up
2. down
3. left
4. right
5. into page
6. out of page
7. Cross product is zero (so no direction)

Concept Question: Cross Product

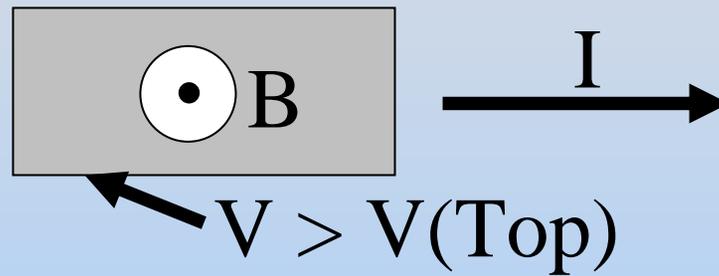
What is the direction of $A \times B$ given the following two vectors?



1. up
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4. right
5. into page
6. out of page
7. Cross product is zero (so no direction)

Concept Question: Hall Effect

A conducting slab has current to the right. A B field is applied out of the page. Due to magnetic forces on the charge carriers, the bottom of the slab is at a higher electric potential than the top of the slab.



On the basis of **this** experiment, the sign of the charge carriers carrying the current in the slab is:

1. Positive
2. Negative
3. Cannot be determined
4. I don't know

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8.02SC Physics II: Electricity and Magnetism
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