

# IB Physics FA 20.1 - Right Hand Rules

Name \_\_\_\_\_

Favorite Oxymoron \_\_\_\_\_

**Label the direction of the quantity listed in the location indicated. ( · = out of the page, x = into the page)**

<b>1</b>				
<b>2</b>				
<b>3</b>	<p>Which way does the north pole point?</p>	<p>Which way does the north pole point?</p>	<p>Which way does the north pole point?</p> <p>(Current flow L to R on Front of coil)</p>	<p>Which way does the current flow on the front side of this coil</p>
<b>4</b>	<p>F ?</p>	<p>F ?</p>	<p>B ? (That causes the force)</p>	<p>I ?</p>
<b>5</b>	<p>Which way is the force on the moving particle?</p> <p>B:</p>	<p>Which way is the force on the moving particle?</p> <p>B:</p>	<p>Which way must a proton move to experience a vertically downward force in a northerly magnetic field?</p> <p style="text-align: center;">N W E S</p> <p style="text-align: right;">W</p>	<p>An electron moving east experiences a force to the north. B is what way?</p> <p style="text-align: center;">N W E S</p>