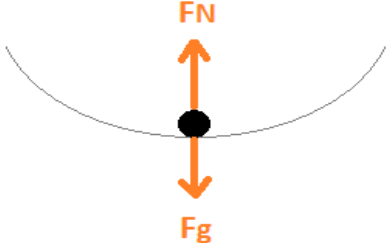
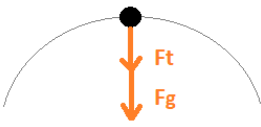
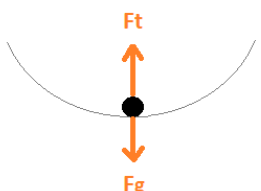
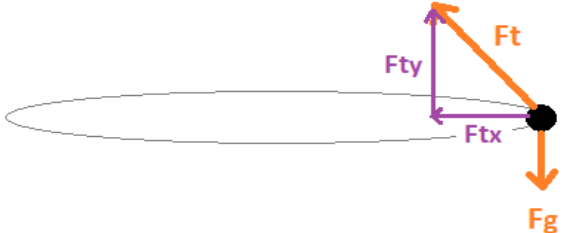
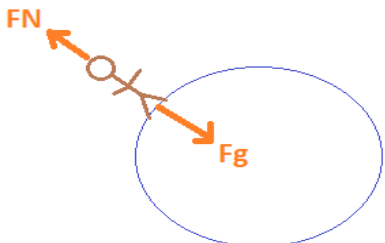


1	 <p>*FN points towards the center of the circular path</p> <table border="1" data-bbox="954 466 1221 525"> <tr> <td>Y</td> <td>$F_c = F_N - F_g$</td> </tr> </table>	Y	$F_c = F_N - F_g$		
Y	$F_c = F_N - F_g$				
2	<div style="display: flex; justify-content: space-around;"> <div data-bbox="544 640 803 982"> <p><u>Top of Circle:</u></p>  <p>*Both Ft and Fg points towards the center of the circular path</p> <table border="1" data-bbox="581 940 763 982"> <tr> <td>Y</td> <td>$F_c = F_t + F_g$</td> </tr> </table> </div> <div data-bbox="950 640 1209 982"> <p><u>Bottom of Circle:</u></p>  <p>*Ft points towards the center of the object's circular path</p> <table border="1" data-bbox="987 940 1169 982"> <tr> <td>Y</td> <td>$F_c = F_t - F_g$</td> </tr> </table> </div> </div>	Y	$F_c = F_t + F_g$	Y	$F_c = F_t - F_g$
Y	$F_c = F_t + F_g$				
Y	$F_c = F_t - F_g$				
3	 <p>*Ftx points towards the center of the object's circular path</p> <table border="1" data-bbox="1047 1129 1302 1243"> <tr> <td>X</td> <td>$F_c = F_{tx}$</td> </tr> <tr> <td>Y</td> <td>$F_{ty} = F_g$</td> </tr> </table>	X	$F_c = F_{tx}$	Y	$F_{ty} = F_g$
X	$F_c = F_{tx}$				
Y	$F_{ty} = F_g$				
4	<p><u>Equator:</u> The person is moving in a circle around the Earth's perimeter</p>  <p>*Fg points towards the center of the object's circular path</p> <table border="1" data-bbox="987 1543 1221 1591"> <tr> <td>Y</td> <td>$F_c = F_g - F_N$</td> </tr> </table> <p><u>North Pole:</u> The person is not moving in a circle. They are standing and spinning in place, meaning they have no radius and no circumference to move around - this is a rotational motion and not circular. $F_n = F_g$ in this case, and there is no F_c equation.</p>	Y	$F_c = F_g - F_N$		
Y	$F_c = F_g - F_N$				