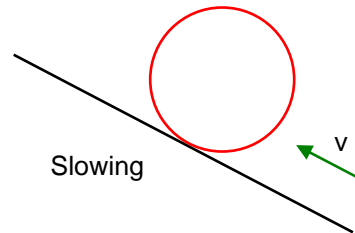
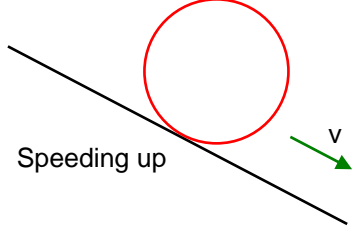
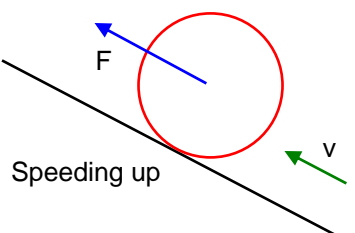
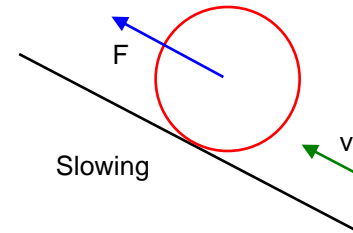
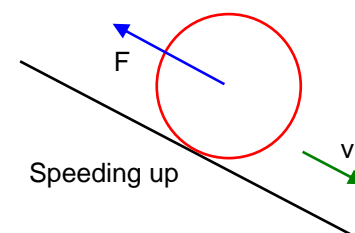
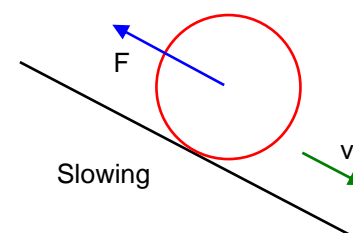
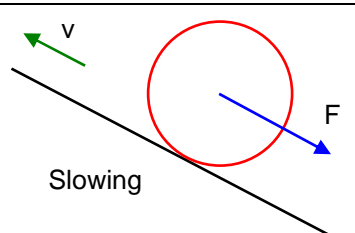
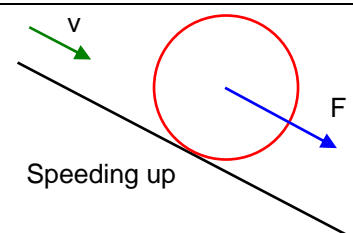
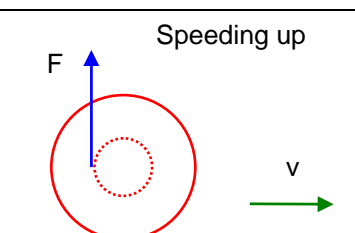
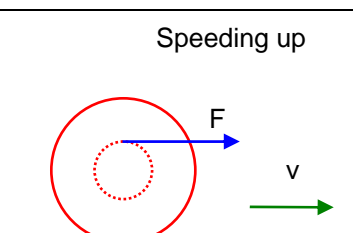
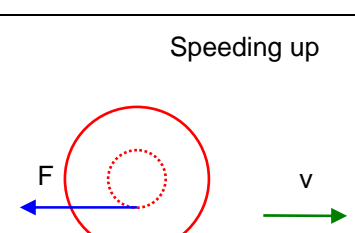


Rolling Exercises

Consider the following objects that are rolling without slipping. Determine the direction of the frictional force if possible.

<p>(a)</p>  <p style="text-align: center;">Slowing</p>	<p>(b)</p>  <p style="text-align: center;">Speeding up</p>
<p>(c)</p>  <p style="text-align: center;">Speeding up</p>	<p>(d)</p>  <p style="text-align: center;">Slowing</p>
<p>(e)</p>  <p style="text-align: center;">Speeding up</p>	<p>(f)</p>  <p style="text-align: center;">Slowing</p>
<p>(g)</p>  <p style="text-align: center;">Slowing</p>	<p>(h)</p>  <p style="text-align: center;">Speeding up</p>
<p>(i)</p> <p style="text-align: center;">Speeding up</p> 	<p>(j)</p> <p style="text-align: center;">Speeding up</p> 
<p>(k)</p> <p style="text-align: center;">Speeding up</p> 	<p>(l)</p> <p style="text-align: center;">Speeding up</p> 