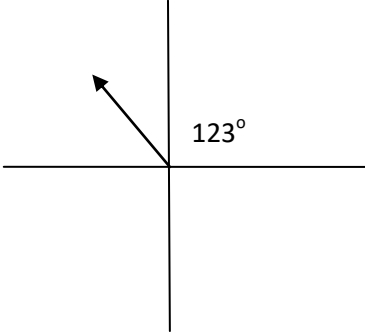
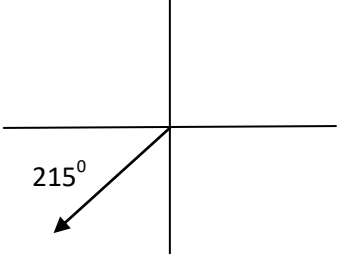
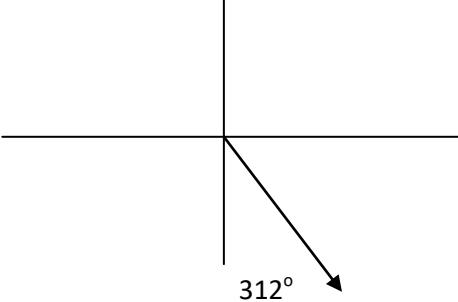
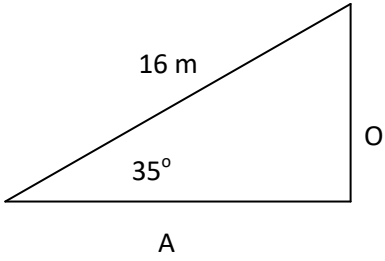
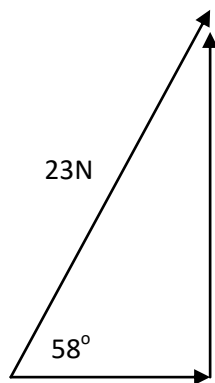


PHYS 110 Fall 2020 Vectors and Forces Lab

<p>1.</p> 	<p>1.</p> <p>This angle will be evaluated as:</p>
<p>2.</p> 	<p>2.</p> <p>This angle will be evaluated as:</p>
<p>3.</p> 	<p>3.</p> <p>This angle will be evaluated as:</p>
<p>4.</p> 	<p>4.</p> <p>Side O =</p>

5.

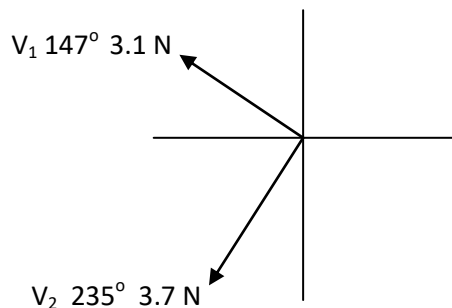


Vector A

5.

Vector A =

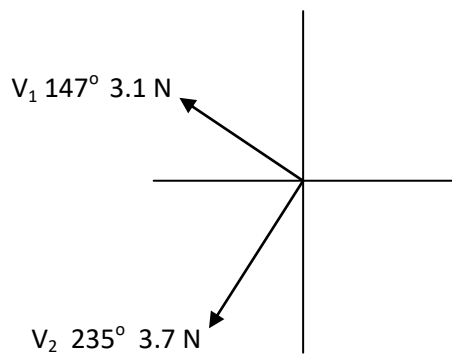
6.



6.

A₂ =

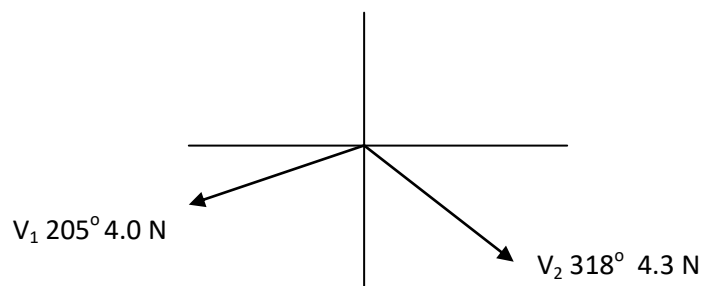
7.



7.

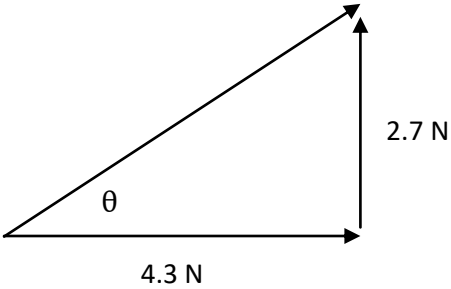
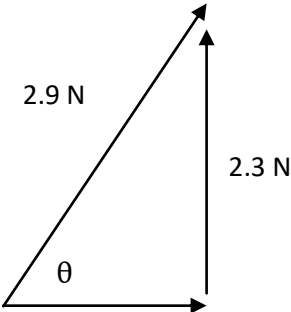
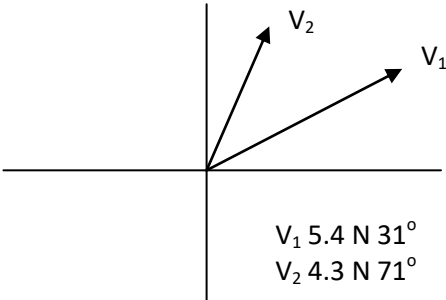
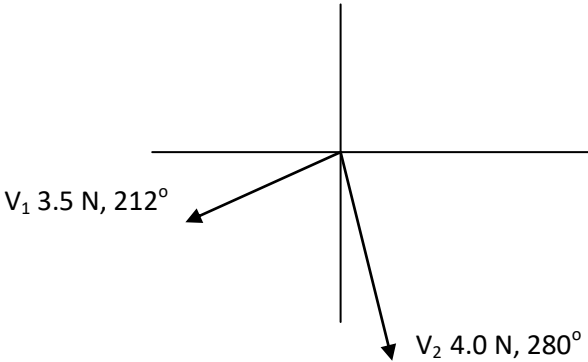
O₁ =

8.



8.

O₂ =

<p>9.</p> 	<p>9.</p> <p>$\theta =$</p>
<p>10.</p> 	<p>10.</p> <p>$\theta =$</p>
<p>11.</p>  <p>V_1 5.4 N 31° V_2 4.3 N 71°</p>	<p>11.</p> <p>The equilibrant (Veq) of these two forces is:</p>
<p>12.</p>  <p>V_1 3.5 N, 212° V_2 4.0 N, 280°</p>	<p>12.</p> <p>The resultant of these two vectors is:</p>