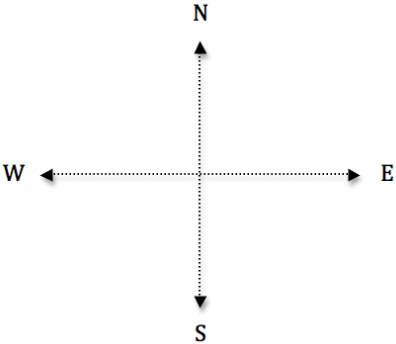
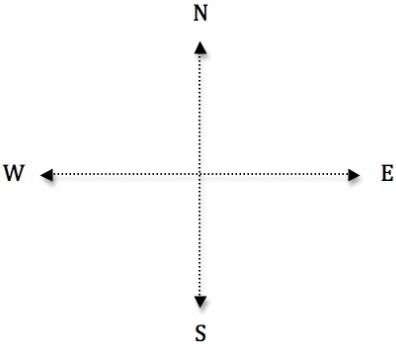
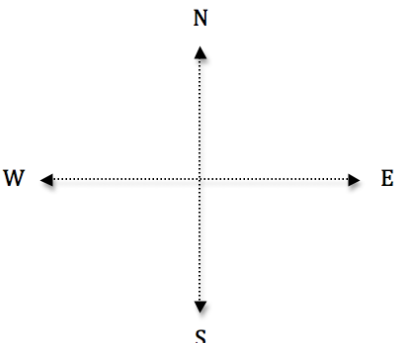
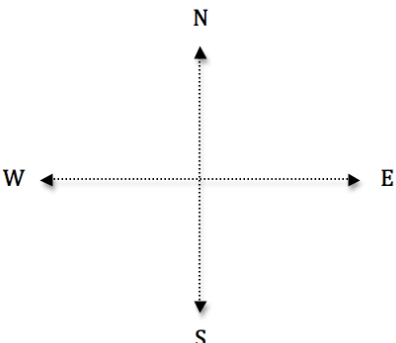
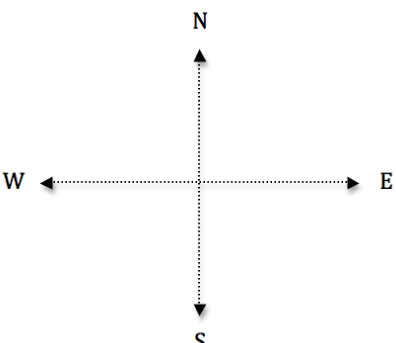
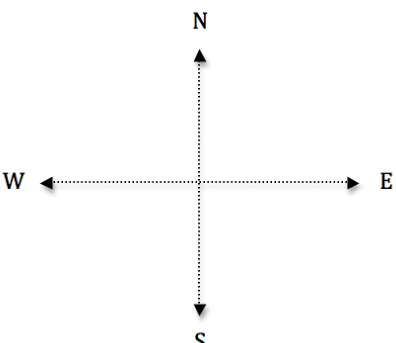
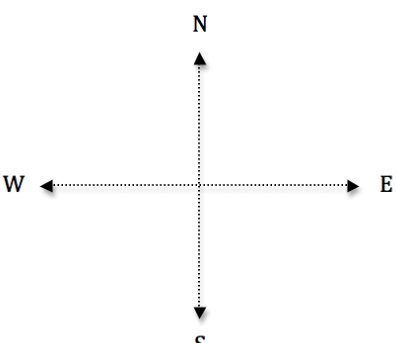
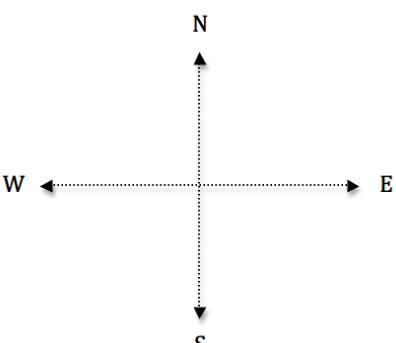


VECTOR COMPONENTS

Find the appropriate Vector Components

	horizontal component:		horizontal component:
	horizontal component:		horizontal component:
	horizontal component:		horizontal component:
	horizontal component:		horizontal component:
vertical component:		vertical component:	
vertical component:		vertical component:	
vertical component:		vertical component:	
vertical component:		vertical component:	

Draw the follow vectors and find the appropriate vector components

<p>15 m S 34° W</p> 	<p><u>horizontal component:</u></p> <p><u>vertical component:</u></p>	<p>25 m 15° E of N</p> 	<p><u>horizontal component:</u></p> <p><u>vertical component:</u></p>
<p>10 cm W 45° N</p> 	<p><u>horizontal component:</u></p> <p><u>vertical component:</u></p>	<p>5.0 mm 80° E of S</p> 	<p><u>horizontal component:</u></p> <p><u>vertical component:</u></p>
<p>35 km N 14° E</p> 	<p><u>horizontal component:</u></p> <p><u>vertical component:</u></p>	<p>2458 nm 32.00° W of S</p> 	<p><u>horizontal component:</u></p> <p><u>vertical component:</u></p>
<p>750 m E 5.00° S</p> 	<p><u>horizontal component:</u></p> <p><u>vertical component:</u></p>	<p>12 km 1.4° N of W</p> 	<p><u>horizontal component:</u></p> <p><u>vertical component:</u></p>

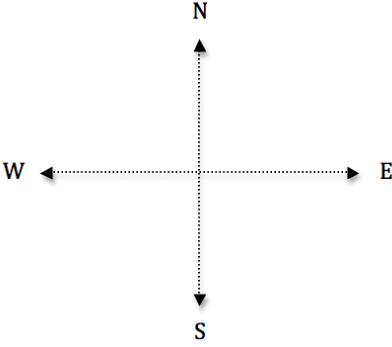
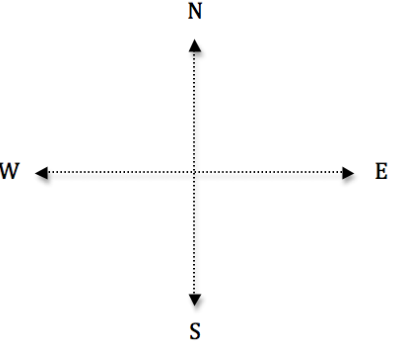
Adding Vector Components

<p>15 m S 34° W</p>	<p><u>horizontal component:</u></p>	<p>25 m 15° E of N</p>	<p><u>horizontal component:</u></p>
	<p><u>vertical component:</u></p>		<p><u>vertical component:</u></p>

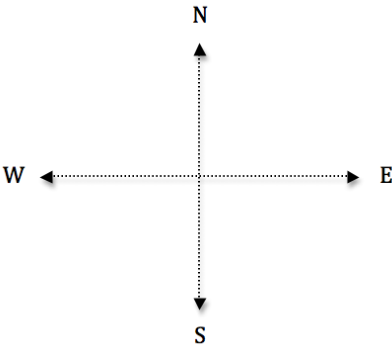
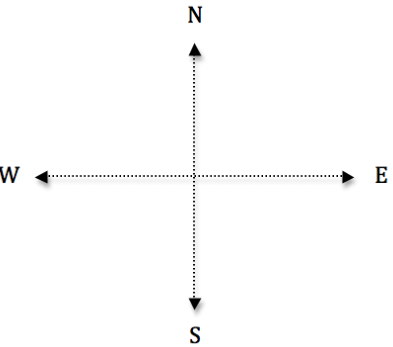
Add the Left vector to the right vector

<p>10 m/s W 45° N</p>	<p><u>horizontal component:</u></p>	<p>5.0 m/s 80° S of W</p>	<p><u>horizontal component:</u></p>
	<p><u>vertical component:</u></p>		<p><u>vertical component:</u></p>

Add the Left vector to the right vector

<p>35 km N 14° E</p> 	<p><u>horizontal component:</u></p> <hr/> <p><u>vertical component:</u></p> <hr/>	<p>52 km 32.00° E of S</p> 	<p><u>horizontal component:</u></p> <hr/> <p><u>vertical component:</u></p> <hr/>
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Add the Left vector to the right vector

<p>32 m E 5.00° S</p> 	<p><u>horizontal component:</u></p> <hr/> <p><u>vertical component:</u></p> <hr/>	<p>12 m 1.4° N of E</p> 	<p><u>horizontal component:</u></p> <hr/> <p><u>vertical component:</u></p> <hr/>
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Add the Left vector to the right vector