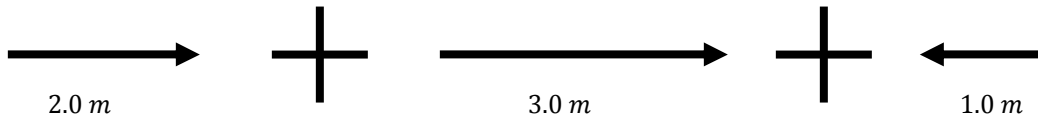


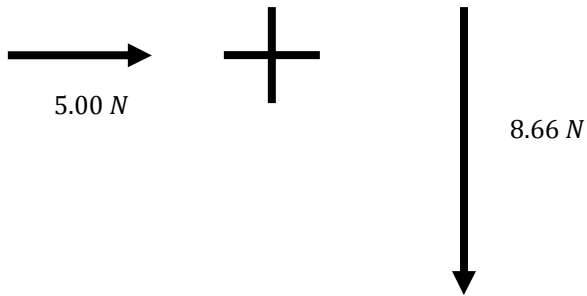
Vector Addition

Add the following Vectors

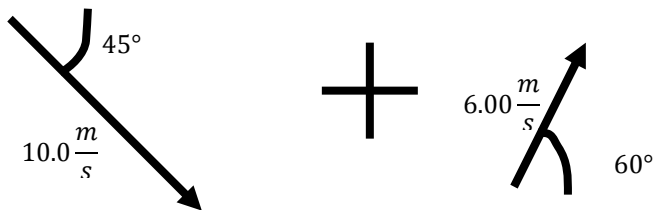
1.)



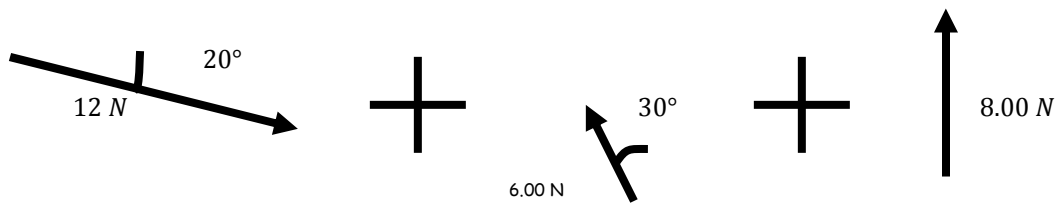
2.)



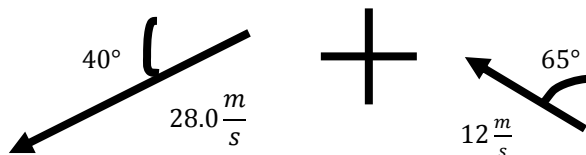
3.)



4.)



5.)



Answers -

1.) 4.0 m [E]

2.) 10.0 N at 60° S of E

3.) 10.2 $\frac{m}{s}$ at 10.6° S of E

4.) 12.3 N at 42.3° E of N

5.) 34.8 $\frac{m}{s}$ at ° S of W