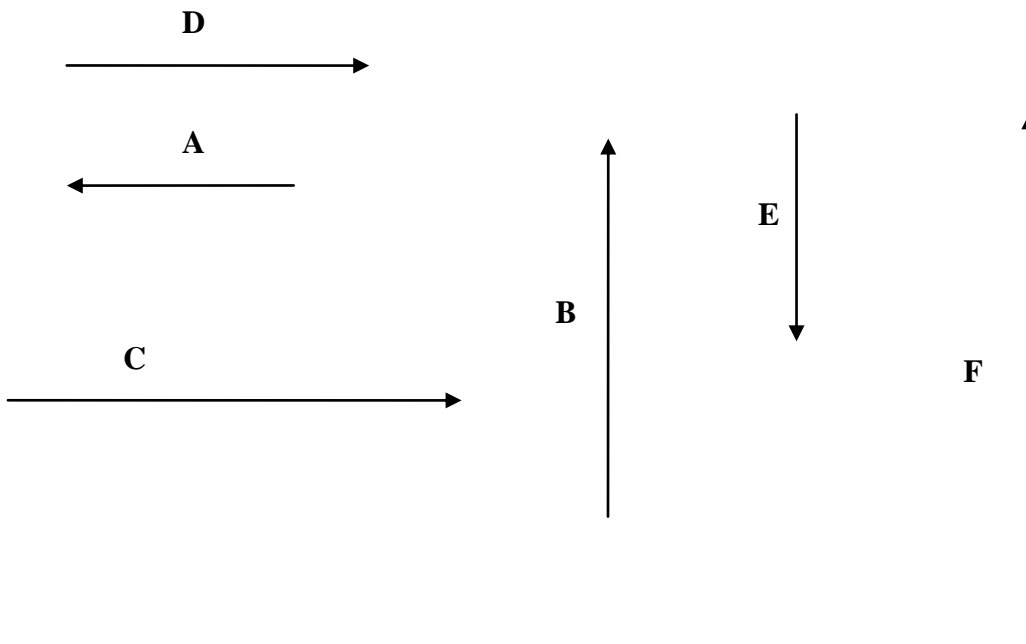
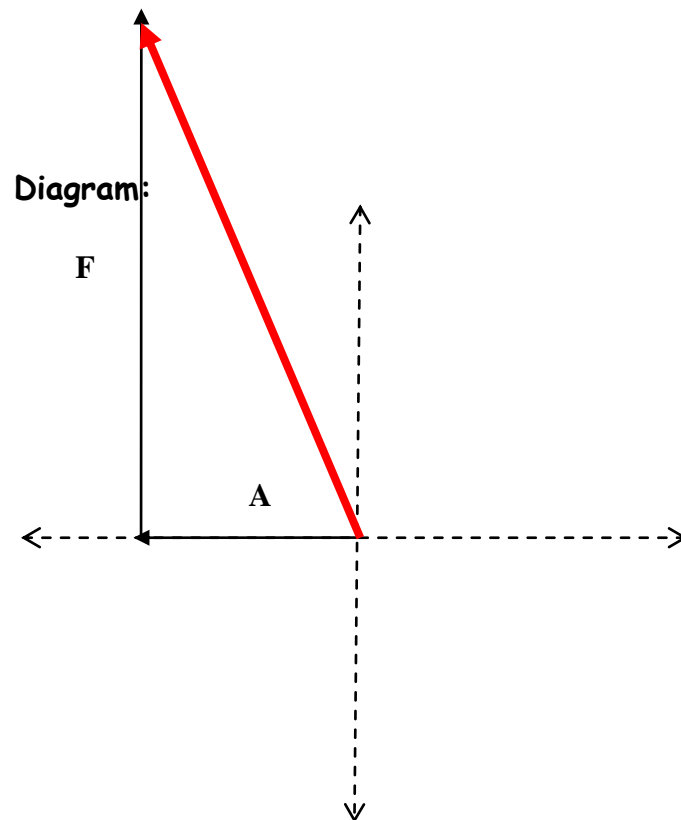


Analytic Addition of Orthogonal Vectors Drill

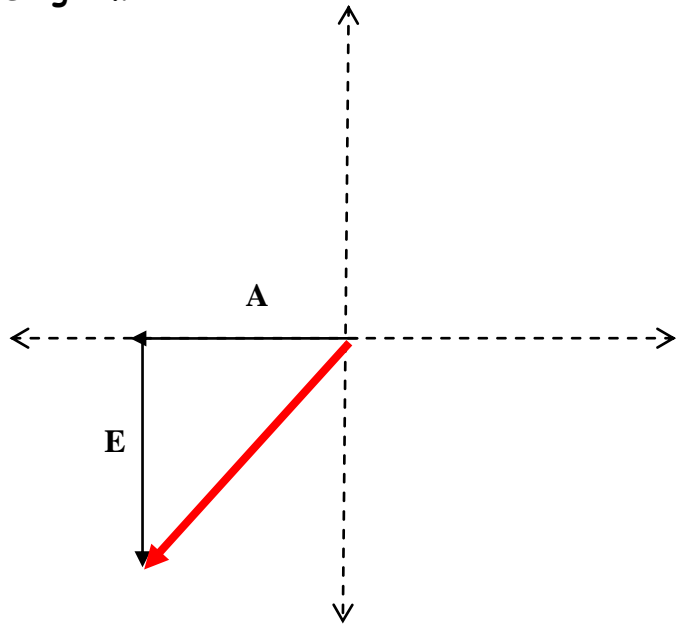


Vector	x-comp.	y-comp.
A	-3.0	0.0
F	0.0	7.0
Totals (resultant)	-3.0	7.0
Magnitude (resultant)	7.6	
Direction (resultant)	67 above -x	



Vector	x-comp.	y-comp.
A	-3	0
E	0	-3
Totals (resultant)	-3	-3
Magnitude (resultant)	4.2	
Direction (resultant)	45 below -x	

Diagram:



Vector	x-comp.	y-comp.
B	0	5
D	4	0
E	0	-3
Totals (resultant)	4	2
Magnitude (resultant)	4.5	
Direction (resultant)	27 above +x	

Diagram:

