

Vector Addition

	x	y
Reference (start) point	0	0

Vector	magnitude	angle (absolute)		components	
		degrees	radians	x	y
v_1	14	90	1.57	0.00	14.00
v_2	10	60	1.05	5.00	8.66
v_3	16	290	5.06	5.47	-15.04
v_4			0.00	0.00	0.00
v_total =				10.47	7.63

$ v_{total} = 12.95$

Cumulative sum (used for plotting)

Vector	x	y
v_1	0.00	14.00
v_2	5.00	22.66
v_3	10.47	7.63
v_4	10.47	7.63

