



	2 dimensions:
	Airplane heads morth with our speed of 200km/h. but mind from NE at 100km/h. What is the velocity of the plane with respect to the ground?
	but mind from NE at 100 km/g. What is the
	relocity of the plane with respect to the ground?
	Flane, ground Thank, an + Vair, ground
	prane, grana
	200 km/h N 100 km/h SW 100 km/h N x: F Vplane, ground, x = 0 + 100 km/h cos(225°) = -70-7 km/h (80°+60°)
	(ADY)
	100 Emsh 200 km/h N 20:
	E Valane mound x = 0
	x + 100km/2 cos(225)
1	= -70.7 km/g (80°+90°
	V plane, ground, y = 200 km/h
	+ 100 km/ son (225°) = 129.3 km/h
	= 129.3 km/R