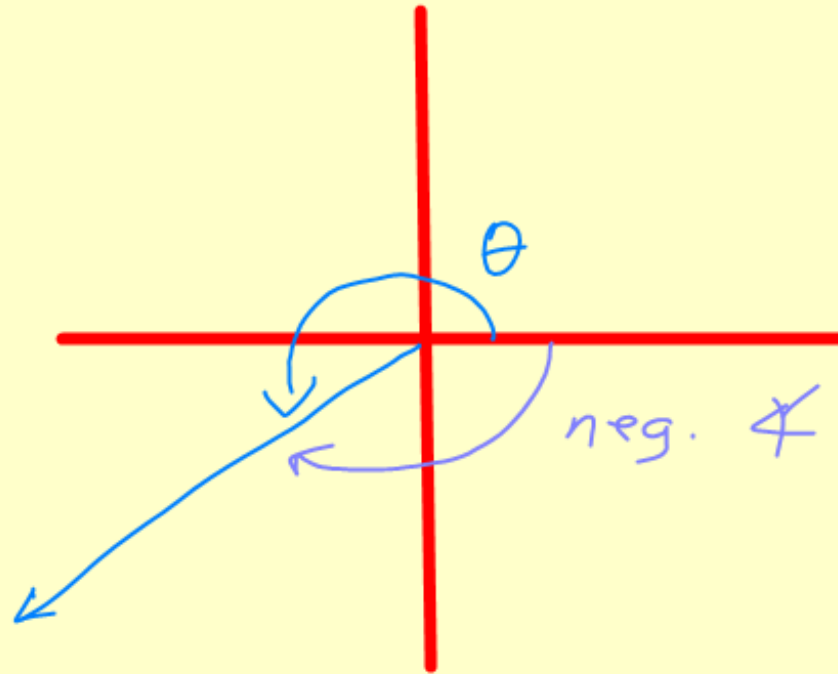
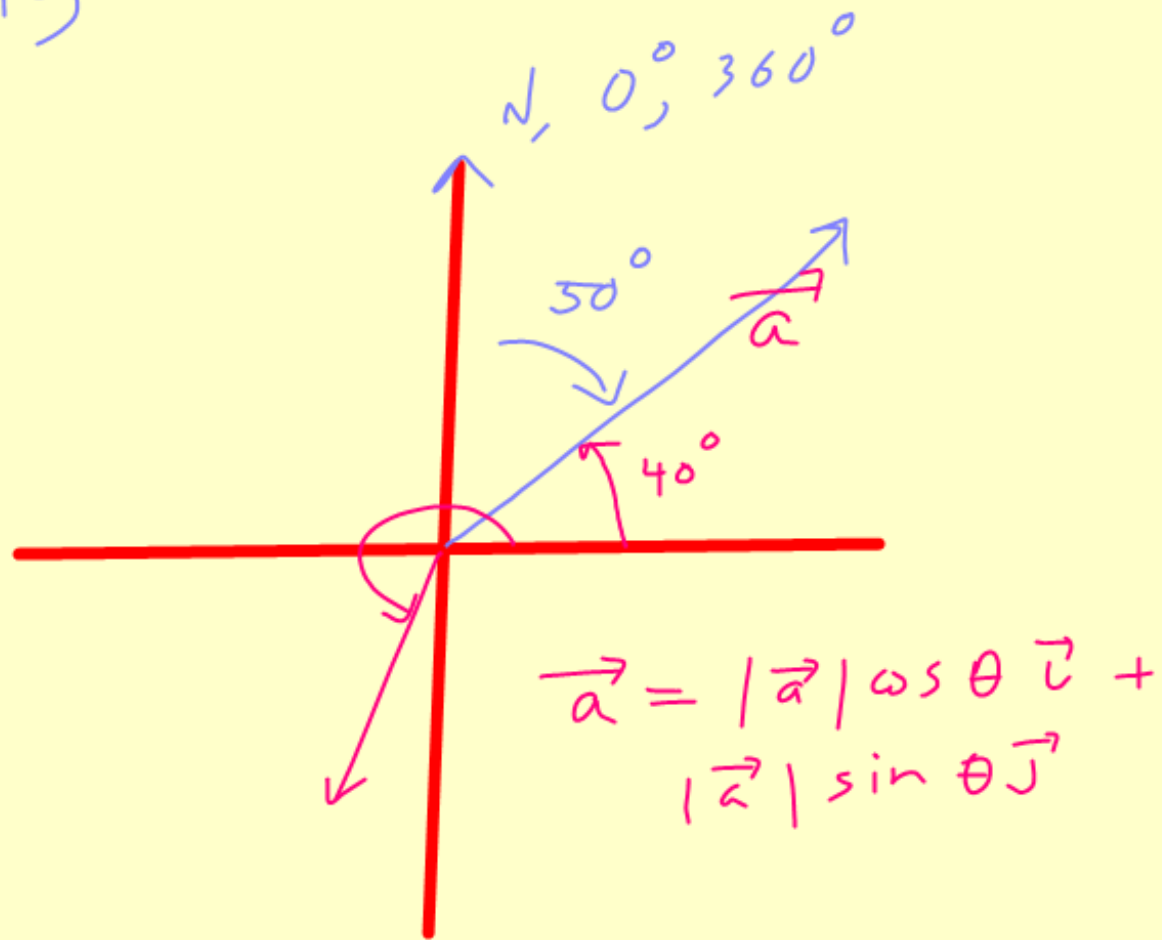


Bearing

Reg way

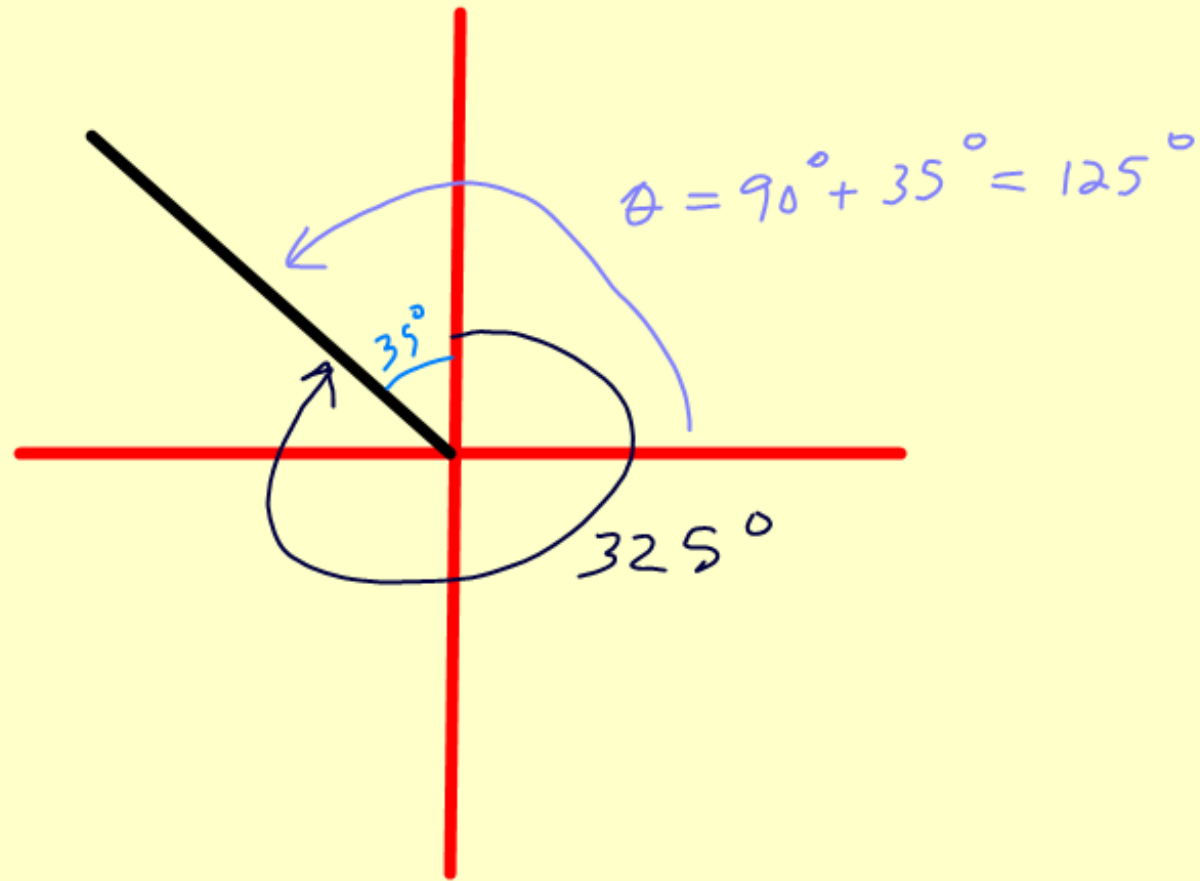


Bearing



Bearing of 50°

2



$$\vec{a} = |\vec{a}| \cos \theta \vec{i} + |\vec{a}| \sin \theta \vec{j}$$

2. $-11.5\vec{i} + 16.4\vec{j}$
 $-6.6\vec{i} + -2.4\vec{j}$

3. $-18.0\vec{i} + 14\vec{j}$

4. $\theta = 142.2^\circ$ (2nd quad)
 $r = 307.8$

5. 22.8 mi @ 307.8°
(bearing)

HW: p. 272 # 5, 13