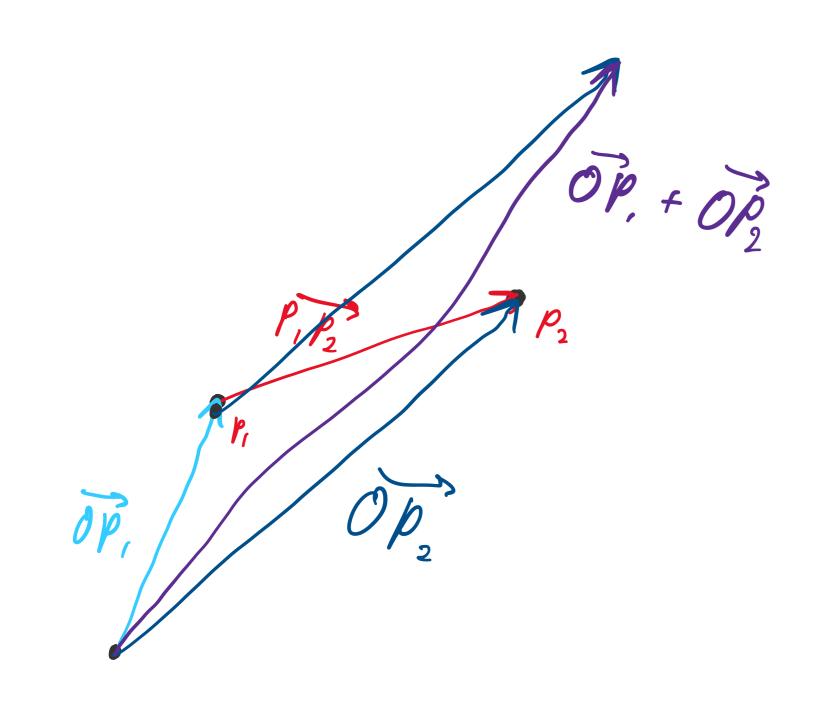


3.) you and up one meter to the right /left  
3.) you and up other some rlace focing the right /left  
3.) 270° (not 10°, as if it would be on a triangle  
3.) no, the Earth int flat  
4) 
$$d = \sqrt{2R^2} = \sqrt{2}R$$
  
5.)  $\sqrt{300^2 + 400^2} = \sqrt{90000 + 160000} = \sqrt{250000} = 500 m$   
5.)  $\sqrt{300 + 400} = 700 m$   
6) No, you and up go' on the Earth - sphere to the zight  
first



 $a \cdot b = ||a|| ||b|| \le Xab = ||b||/|a|| \le Xab = ||b|| ||a|| \le (Xb) = ||b|| /|a|| \cos Xba = b \cdot a$ 

 $\left(\right)$ 

9)