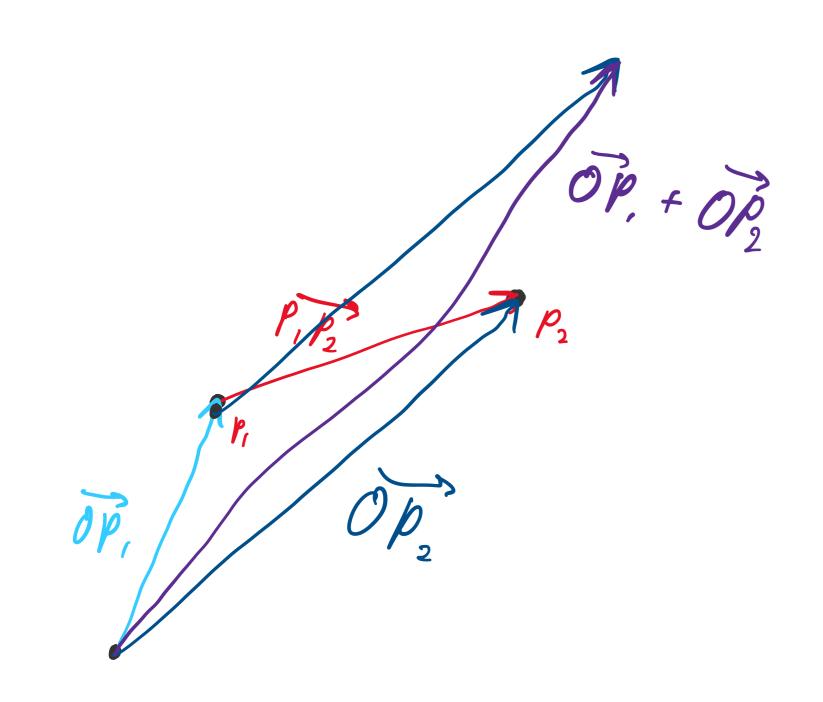


3.) you and up one meter to the right /left
3.) you and up other some rlace focing the right /left
3.) 270° (not 10°, as if it would be on a triangle
3.) no, the Earth int flat
4)
$$d = \sqrt{2R^2} = \sqrt{2}R$$

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)