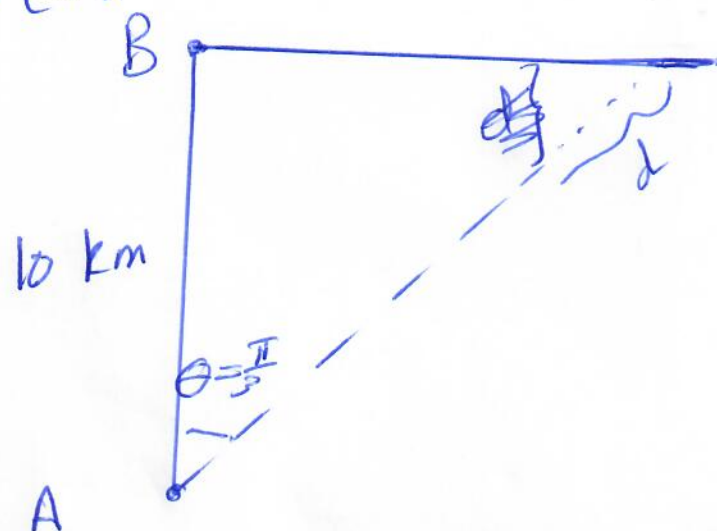


Q 1

2 (ii)



$$d = 8.66179 \text{ km}$$