Question 1

Question 2

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Question 3

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Question 4

Question 5

Question 6

Question 7

Question 8

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Question 9

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```
def balancage(pl, pt):
    npt=25
    pas=0.000003
    dist=100000
    pl2=[None,None,None]

    for k in range(-npt,npt):

        pl2[0]=pl[0]+k*pas

        for j in range(-npt,npt):

            pl2[1]=pl[1]+j*pas

            pl2[2]=pt[2]-pl2[0]*pt[0]-pl2[1]*pt[1]

            temp=defaut_planeite(pl2,liste_pt)

            if temp<dist :

                dist=temp
                f=pl2[0]

                g=pl2[1]

                h=pl2[2]

    pl2=[f,g,h]

    return [pl2,dist]
```

Question 10

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