Implement the following mathematical equation using Python Programming

1. 10-x2-y2 when value of z = [1,6,9]
2. x2 + y2 when value of z = [1,6,9]
3. x3-y when value of z = [1,6]
4. (x2 + y2 ) /4 when value of z = [1,5,8]
5. 4x2+y2  when value of z = [0,1,3,5]
6. 2-x-y when value of z = [-6,-4,-2,0,2,4,6]