```python
def vetores (veta, matb):
    if len (veta)!= len (matb) or len (matb[0])!= len (veta): # 3 ou 6
        return None # 1
    res = [] # 1
    for i in range (len (veta)): #2 + n
        for j in range (len (matb)): # 2 + n
            res.append ( veta[i] + mat[i][j]) # 1 * n * n
    return res # 1


vet = [1,2,3]
mat = [[1,2,3],[4,5,6],[7,8,9]]


print(vetores(vet,mat))


#se passar
# 6 + 1 + 2 + (n * n * 2 * n^2) + 1 = 10 + (n^2 * n^2 * 2) = 10 + 2n^4


#se não passar
# 6 + 1 = 7 ou 3 + 1 = 4
```