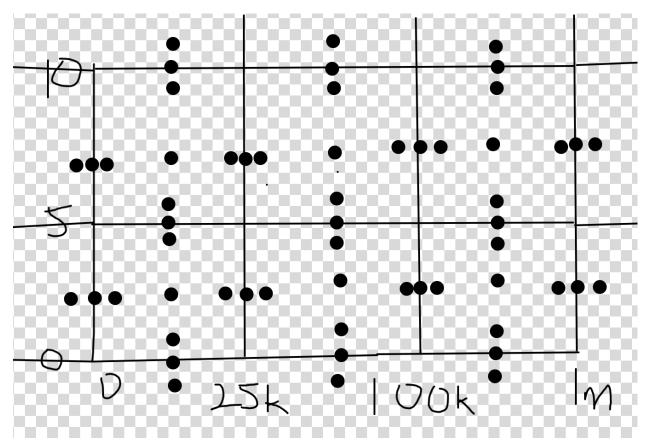
Boundary values for AGI: {-1, 0,1, 10000, 24999, 25000, 25001, 50000, 99999,100000, 100001, 500000, 999999, 1000000, 1000001}
 Boundary values for dependency = {-1, 0, 1, 3, 4, 5, 6, 8, 9, 10, 11}



There are 57 cases

AGI	Dependencies	Tax
10,000	3	Not deducted
24,999	1	Not deducted
50,000	9	20%
-1	10	Not Valid
25001	3	22%
100001	2	27%
500000	5	25%
1000001	2	Not Valid

25000	-1	Not Valid
0	11	Not Valid

```
2.
EP1 = {numDigits > 9} Invalid
EP2 = {numDigits < 9} Invalid
EP3 = {numDigits = 9} valid
EP4 = {hyphens > 2} Invalid
EP5 = {hyphens < 2} Invalid
EP6 = {hyphens = 2} Valid
EP4 = {firstPartLength > 3} Invalid
EP5 = {firstPartLength < 3} Invalid
EP6 = {firstPartLength = 3} Valid
EP7 = {secondPartLength > 2} Invalid
EP8 = {secondPartLength < 2} Invalid
EP9 = {secondPartLength = 2} Valid
EP10 = {thirdPartLength > 4} Invalid
EP11 = {thirdPartLength < 4} Invalid
EP12 = {thirdPartLength = 4} Valid
EP13 = {firstPart = 000} invalid
EP14 = {firstPart = 666} invalid
EP15 = {001 <= firstPart <= 665} valid
EP16 = {667 <= firstPart <= 899} valid
EP17 = {900 <= firstPart <= 999} invalid
EP18 = {999 < firstPart} invalid
EP19 = {secondPart < 01} invalid
EP20 = {01 <= secondPart <= 99} valid
EP21 = {secondPart > 99} invalid
EP22 = {thirdPart < 0001} invalid
EP23 = {0001 <= thirdPart <= 9999} valid
```

EP24 = {thirdPart > 9999} invalid

SSN	Valid or Invalid or Format Issue
019-20-2022	Valid
01920-2022	Format Issue
000-20-2022	Invalid
666-23-4312	Invalid
01920-2022-1-	Format Issue
934-23-4312	Invalid
839-23-4312	Valid
839-233-4312	Invalid
839-2-4312	Invalid
023-20-43132	Invalid
023-20-432	Invalid
99-20-4312	Invalid

3.

Weight	Distance	Decision
Weight <= 0	Distance <10	F
Weight <= 0	10 <= Distance <= 800	F
Weight <= 0	Distance > 800	F
0 < Weight <= 5	Distance < 10	F
0 < Weight <= 5	10 <= Distance <= 800	Т
0 < Weight <= 5	Distance > 800	F
5 < Weight <= 10	Distance < 10	F
5 < Weight <= 10	10 <= Distance <= 800	Т
5 < Weight <= 10	Distance > 800	F
Weight > 10	Distance < 10	F

Weight > 10	10 <= Distance <= 800	F
Weight > 10	Distance > 800	F

## Test Cases:

-3	9	Weight must be greater than 0, Distance must be greater than 10
-8	100	Weight must be greater than 0
-9	900	Weight must be greater than 0, Distance cannot be greater than 800
2	8	Distance must be greater than 10
3	500	\$4.00 is the cost
5	801	Max distance is 800
7	7	Distance must be greater than 10
8	700	\$13.60 is the cost
9	900	Max distance is 800
18	1	Max weight is 10, Min distance is 10
20	400	Max Weight is 10
30	870	Max Weight is 10, Max Distance is 800