1.)

* A= [ 4,3,8,7,2,1] , B=[ 9,4,7,6,8,1 ]

Answer: 3

* A=[ 9,6,80 ] , B=[ 4,6,1,80,5 ]

Answer:2

* A=[ 1,3,5,7,3 ] , B=[ 3,5,1,7,1 ]

Answer:3

* A=[ 1,1,1,1,1,1 ] , B=[ 99,9 ]

Answer:0

* A=[ 1,1,1,2,1,1,55 ] ,B=[ 1,1,3,1,1 ]

Answer:4

* A=[ 44,12,37,4,5,1,89,1000 ] , B=[ 12,22,37,37,1,1000,89 ]

Answer:4

* A=[ 2000,1 ] , B=[ 199,2000,11,1 ]

Answer:2

* A=[ 5,4,2,8,10] , B=[ 2,15,3,1,10,11,12]

Answer:2

2.)

1.

[[0,0,1,1],

[1,0,0,1],

[1,1,0,0]]

Answer:6

2.

[[1,0,1,1],

[1,0,1,1],

[0,0,0,0]]

Answer:7

3.

[[1,1],

[0,0],

[1,0],

[0,1]]

Answer:4

4.

[[1,1,1,1,1,1,1],

[1,1,0,0,1,0,1],

[0,0,1,0,1,0,1]]

Answer:15

5.

[[0,1,1,1,1,0,0,1],

[1,0,1,1,0,1,1,1],

[0,1,0,1,1,1,1,0],

[1,0,1,1,1,0,0,1],

[1,1,1,0,1,0,1,0],

[0,1,0,1,1,1,1,0],

[1,0,1,1,0,1,1,1]]

Answer:41

6.

[[0,0,0],

[0,0,0]]

Answer:0

7.

[[1,1,1,1,1,1],

[1,1,1,1,1,1],

[1,1,1,1,1,1]]

Answer:32

8.

[[0,0,0,0,0,0,0],

[1,1,1,1,1,1,1],

[1,1,1,1,1,1,1],

[0,1,0,1,0,1,0]]

Answer:23

3.)

“ ((())) “ Answer:true

“ \*\* ” Answer:true

“ (()) “Answer:true

“ ()(()(()((()\*))))()(“ Answer:true

“ \* “Answer:true

“ (((\* “Answer:false

“ (()\*(()(\*) “Answer:true

“ ()()()()()\*))(( “Answer:false

4.)

12

17

20

8

10

25

16

13

**Answers:**

[0,1,1,2,1,2,2,3,1,2,2,3,2]

[0,1,1,2,1,2,2,3,1,2,2,3,2,3,3,4,1,2]

[0,1,1,2,1,2,2,3,1,2,2,3,2,3,3,4,1,2,2,3,2]

[0,1,1,2,1,2,2,3,1]

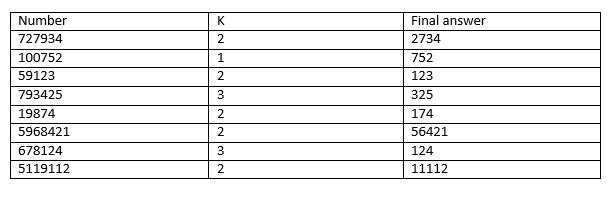
[0,1,1,2,1,2,2,3,1,2,2]

[0,1,1,2,1,2,2,3,1,2,2,3,2,3,3,4,1,2,2,3,2,3,3,4,2,3]

[0,1,1,2,1,2,2,3,1,2,2,3,2,3,3,4,1]

[0,1,1,2,1,2,2,3,1,2,2,3,2,3]

5.)



6.)

1. [[7,1],[7,0],[6,1],[5,3],[5,4]]

OUTPUT: [[7,0],[6,1],[7,1],[5,3],[5,4]]

2. [[6,0],[7,0],[7,1],[8,0],[6,3],[7,3],[7,4]]

OUTPUT: [[6,0],[7,0],[7,1],[6,3],[8,0],[7,3],[7,4]]

3. [[5,0],[6,0],[5,2],[7,0]]

OUTPUT: [[5,0],[6,0],[5,2],[7,0]]

4. [[8,0],[7,1],[7,2],[9,0],[8,2]]

OUTPUT: [[8,0],[7,1],[7,2],[9,0],[8,2]]

5. [[5,1],[5,0],[6,2],[7,0],[7,1]]

OUTPUT: [[5,0],[5,1],[7,0],[7,1],[6,2]]

6. [[9,0],[9,1],[8,2],[7,3],[8,3]]

OUTPUT: [[9,0],[9,1],[8,2],[7,3],[8,3]]

7. Input:[[7,0],[6,1],[7,1],[5,2],[5,3]]

Output: [[7,0],[6,1],[5,2],[5,3],[7,1]]

8. Input:[[8,0],[7,1],[6,2],[6,3],[6,4]]

Output: [[8,0],[7,1],[6,2],[6,3],[6,4]]

8.)

1.

3 3

2 -3 -15

7 19 20

10 -14 -12

Answer:1

2.

3 3

-13 20 5

-8 -10 7

9 3 -15

Answer:14

3.

3 3

3 7 10

6 -18 -7

-20 21 -15

Answer:3

4.

3 3

17 -23 14

-10 -9 -8

21 11 -18

Answer:1

5.

3 3

-5 -7 10

20 -25 -11

18 23 -5

Answer:6

6.

3 3

0 0 0

0 0 0

0 0 0

Answer:1

7.

3 3

1 1 1

1 1 1

1 1 1

Answer:1

8.

1 1

-5

Answer:6

9.

2 2

-11 17

83 -72

Answer:12

10.

3 3

-9 17 -21

-61 45 32

72 19 -24

Answer:10