Name: _____   Date: _____

Find the Patterns
Knock, knock. Who's there? Justin. Justin who? Justin time for dinner!
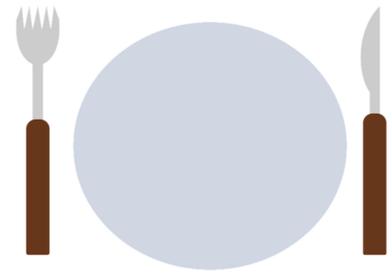
Fill in the empty blanks. Write a rule to represent the relationship between input and output.

1.

Input	Output
6	66
5	55
2	
11	

_____

2.

Input	Output
12	24
10	22
1	
11	

_____

```
←——+——+——+——+——+——+——+——→
   40  45  50  55  60  65  [  ]
```
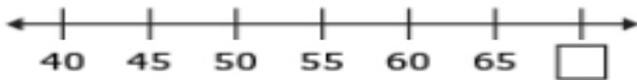
3. What number is next on the numberline?

21	28	35	42
24	1 [ ]	40	48
27	2 [ ]	45	54
30	40	50	60

4. What are the 2 numbers missing?

```
←—+——+——+——+——+——+——+——+——+——→
  33  39  45  [  ]  57  63  69  [  ]  81
```
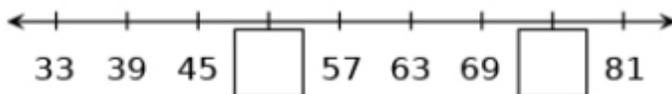
5. What two numbers are missing on this numberline?

9   18   27   36   ____

6. What number goes onto the last soccer uniform?