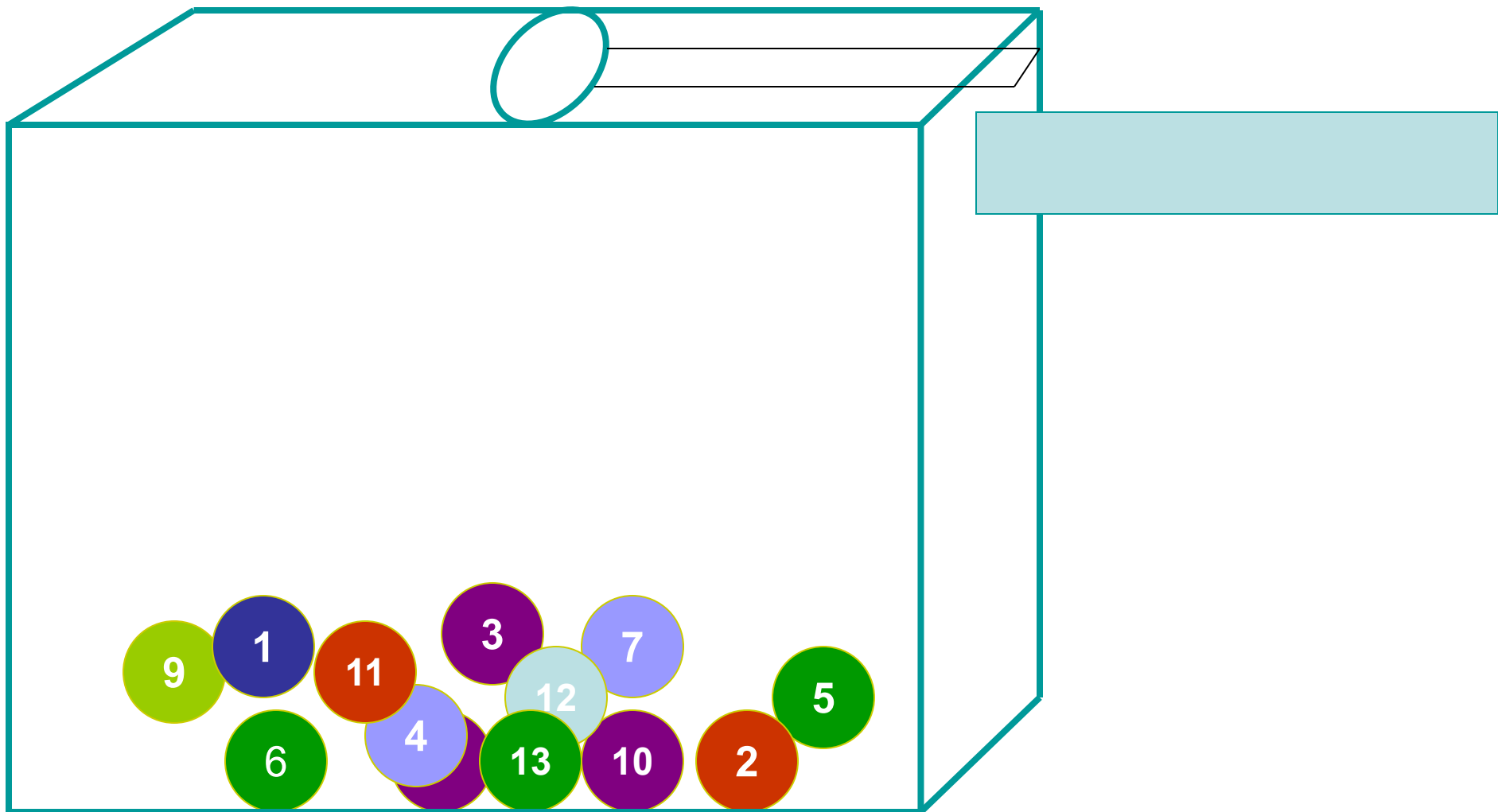
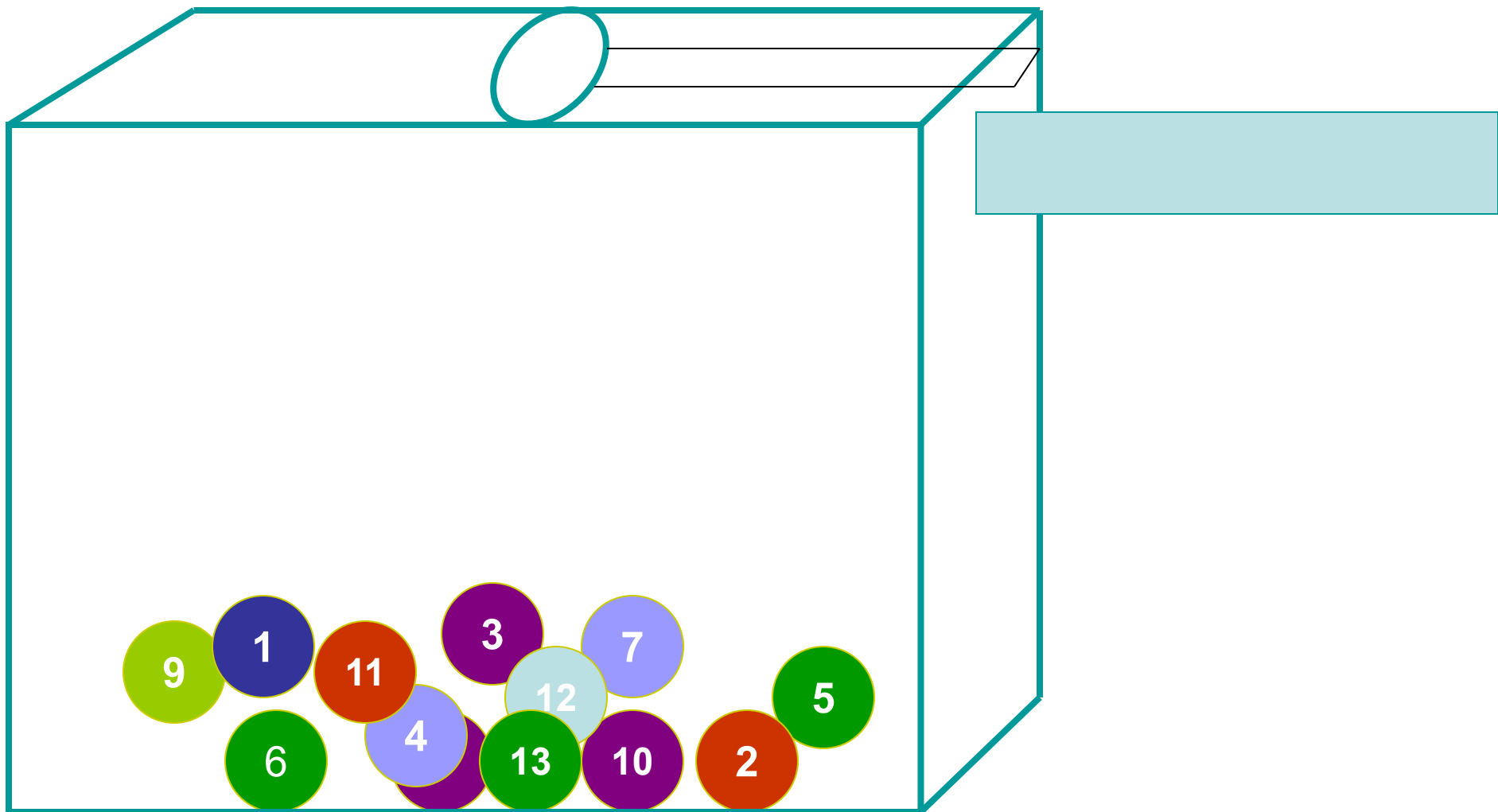


# Бірөлшемді массив элементтеріне программа құру

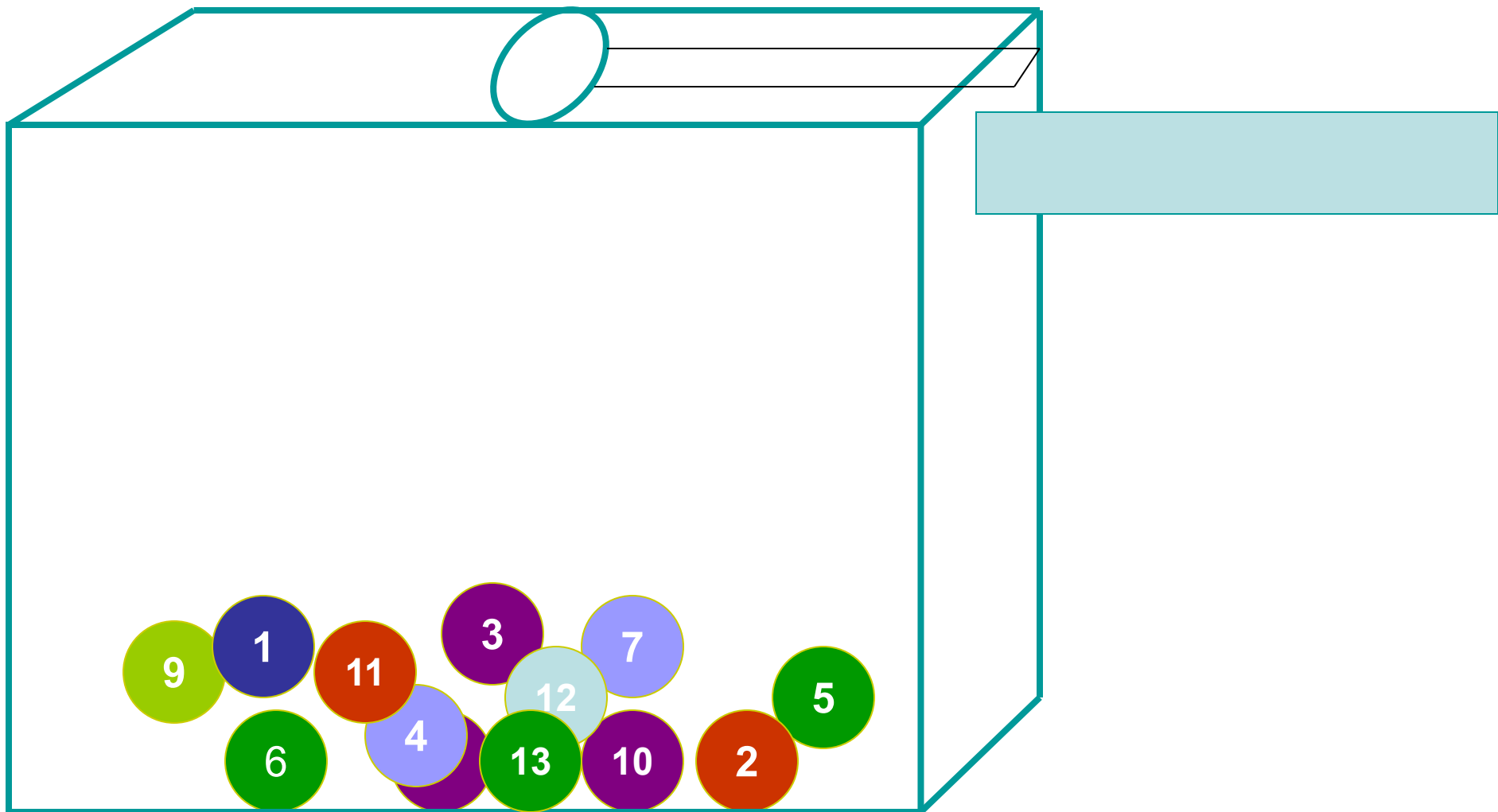
# Лото



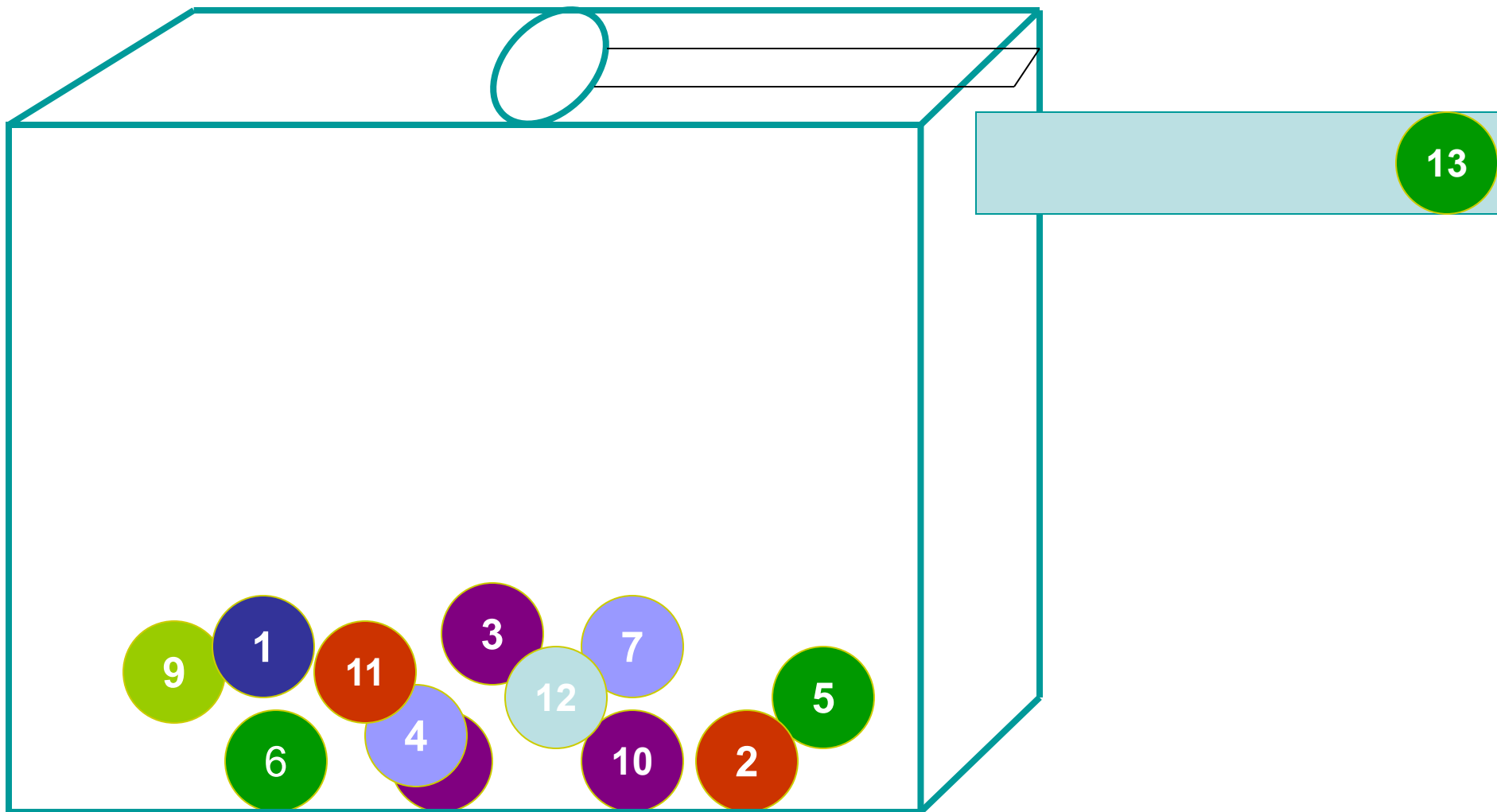
# Лото



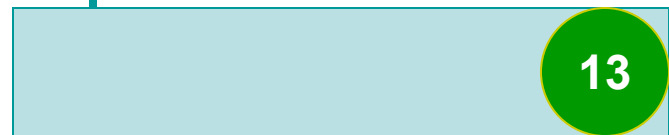
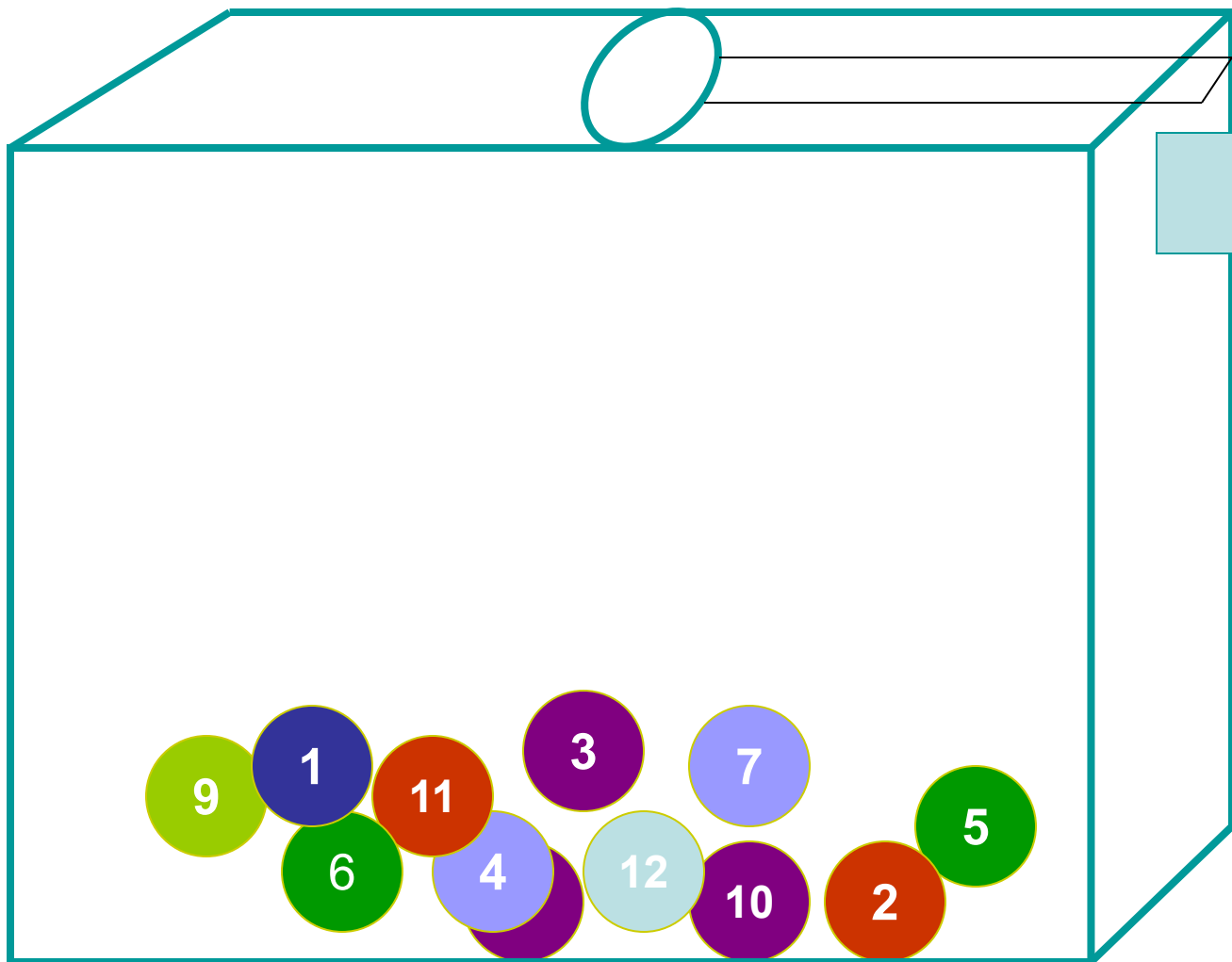
# Лото



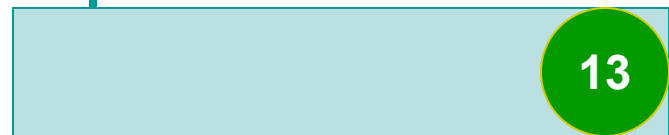
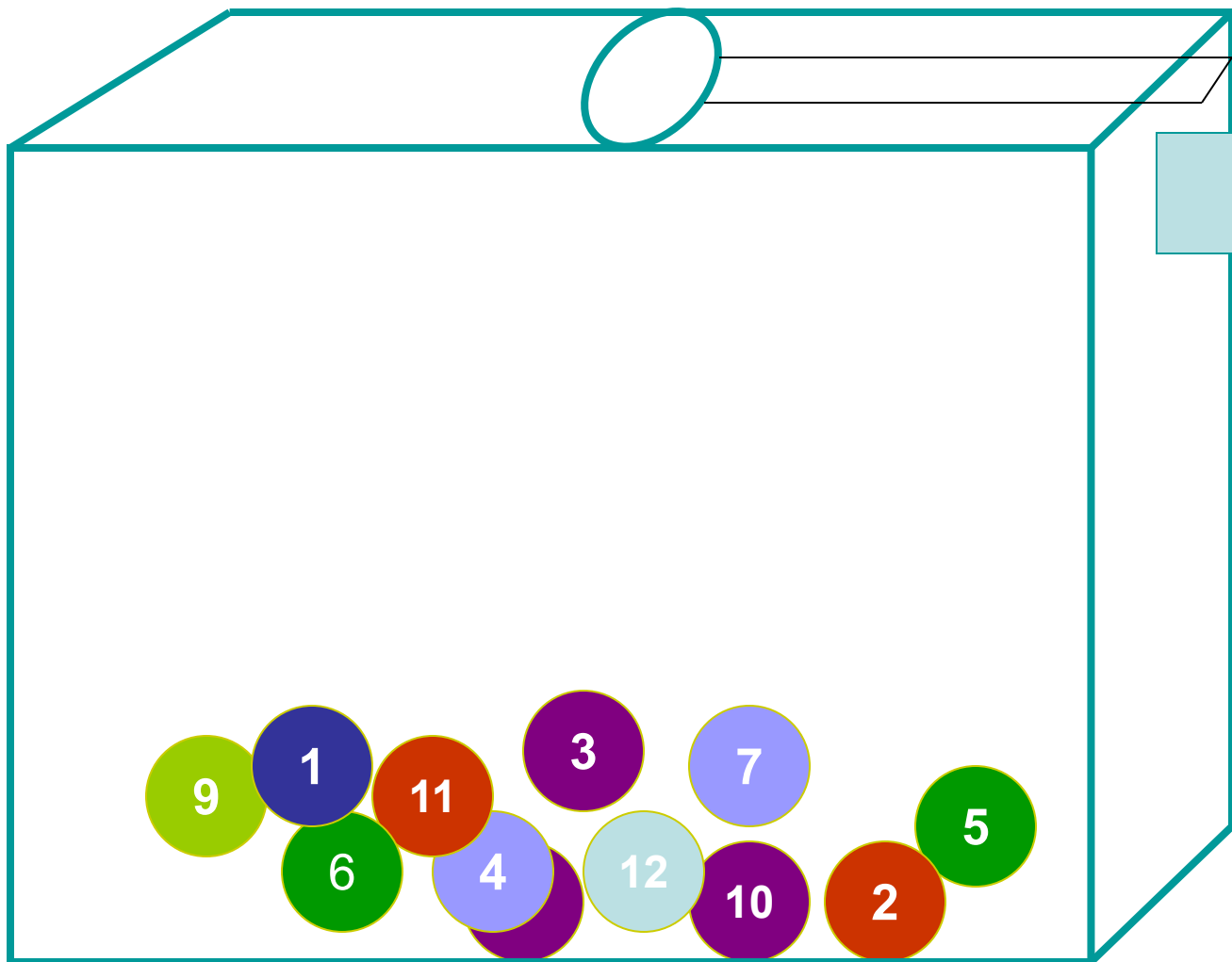
# Лото



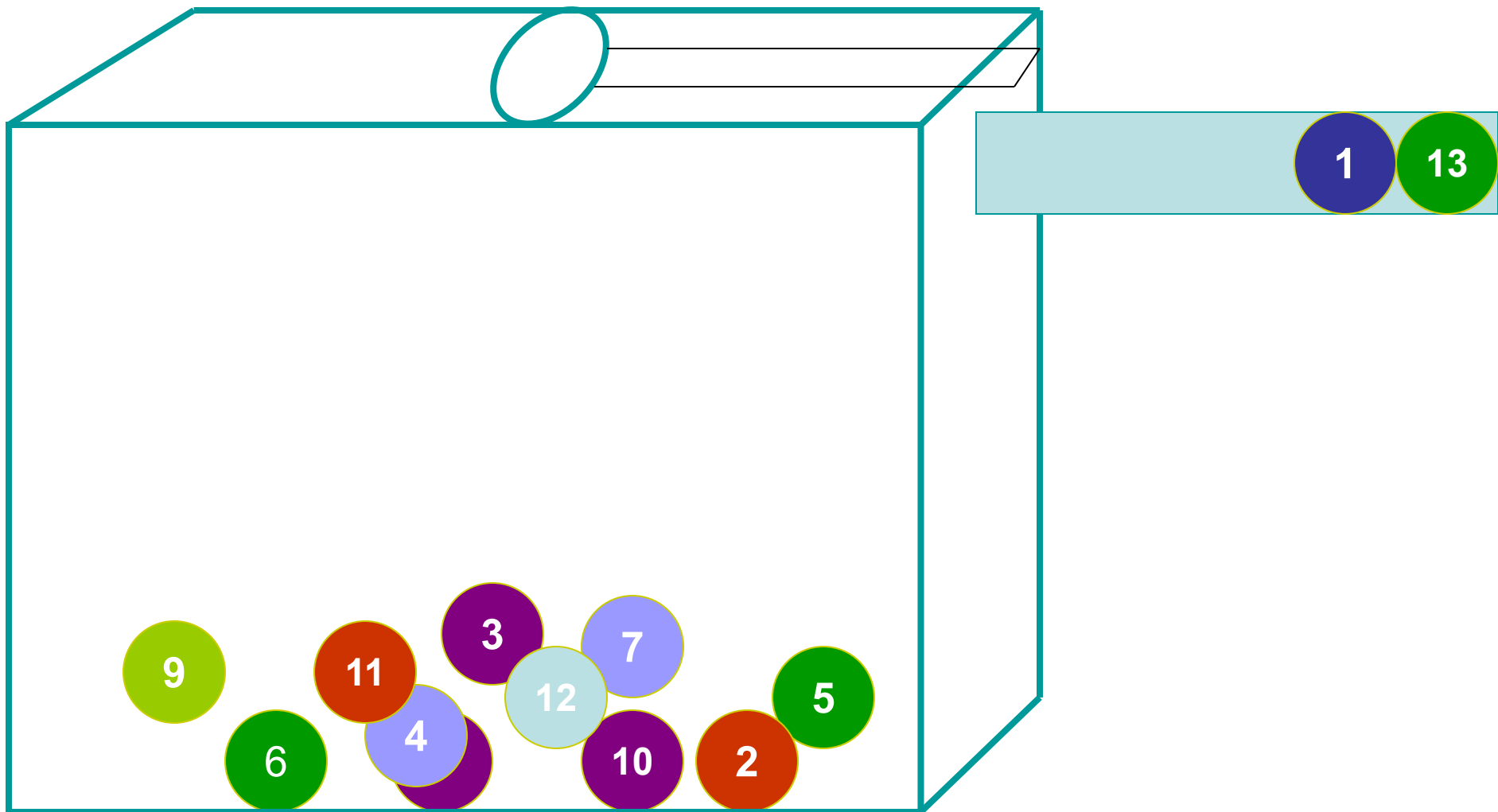
# Лото



# Лото

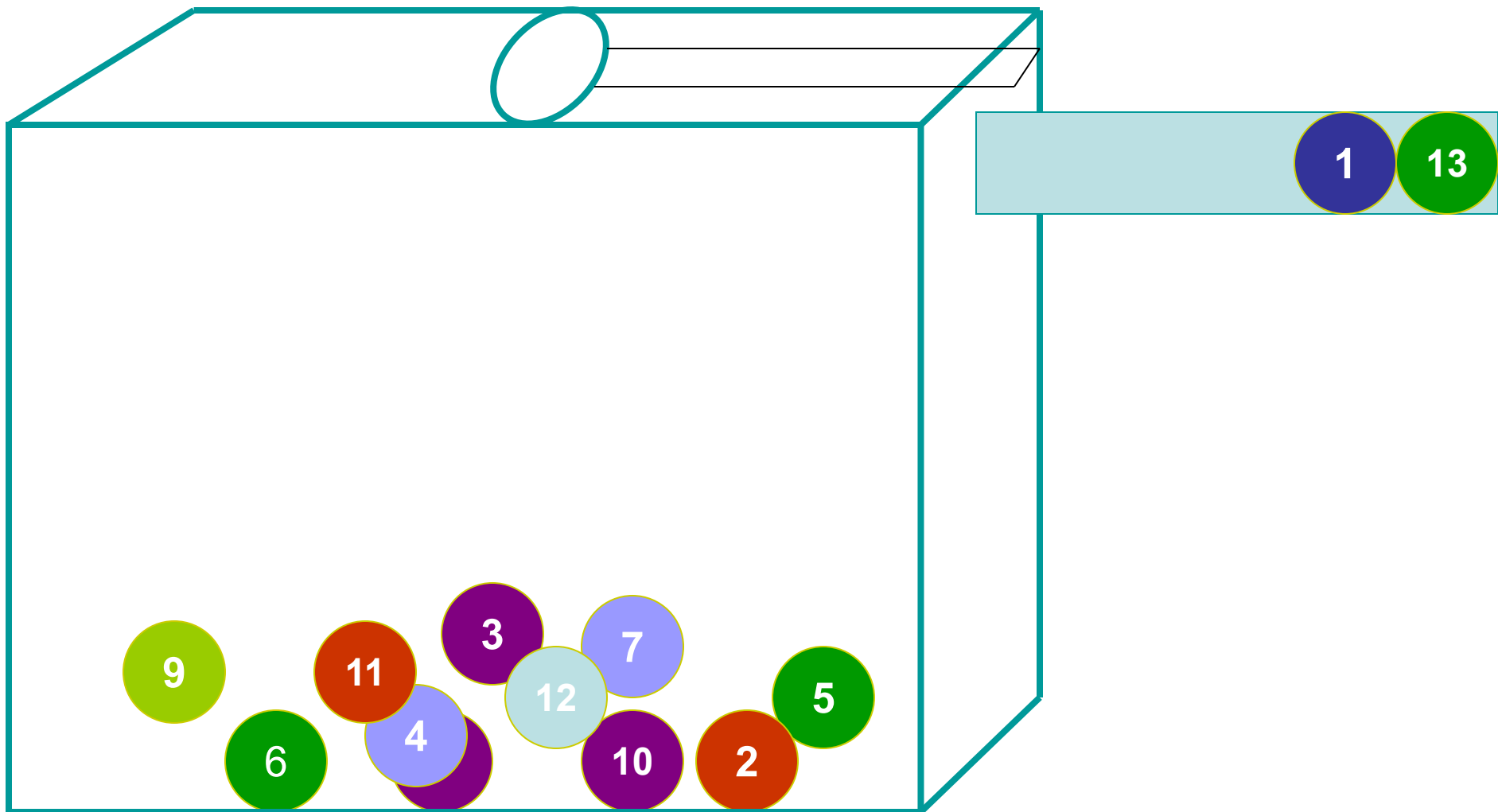


# Лото

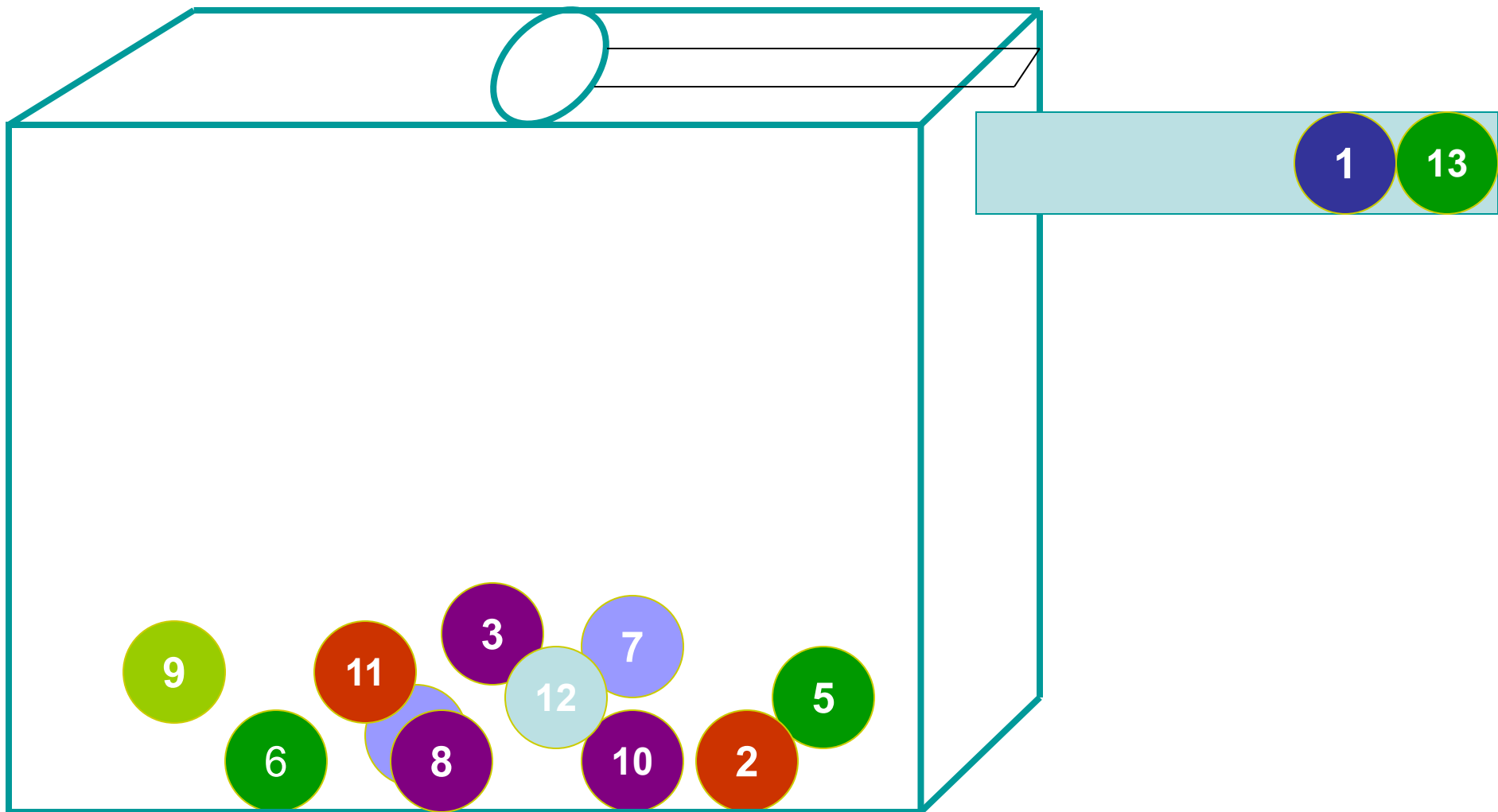




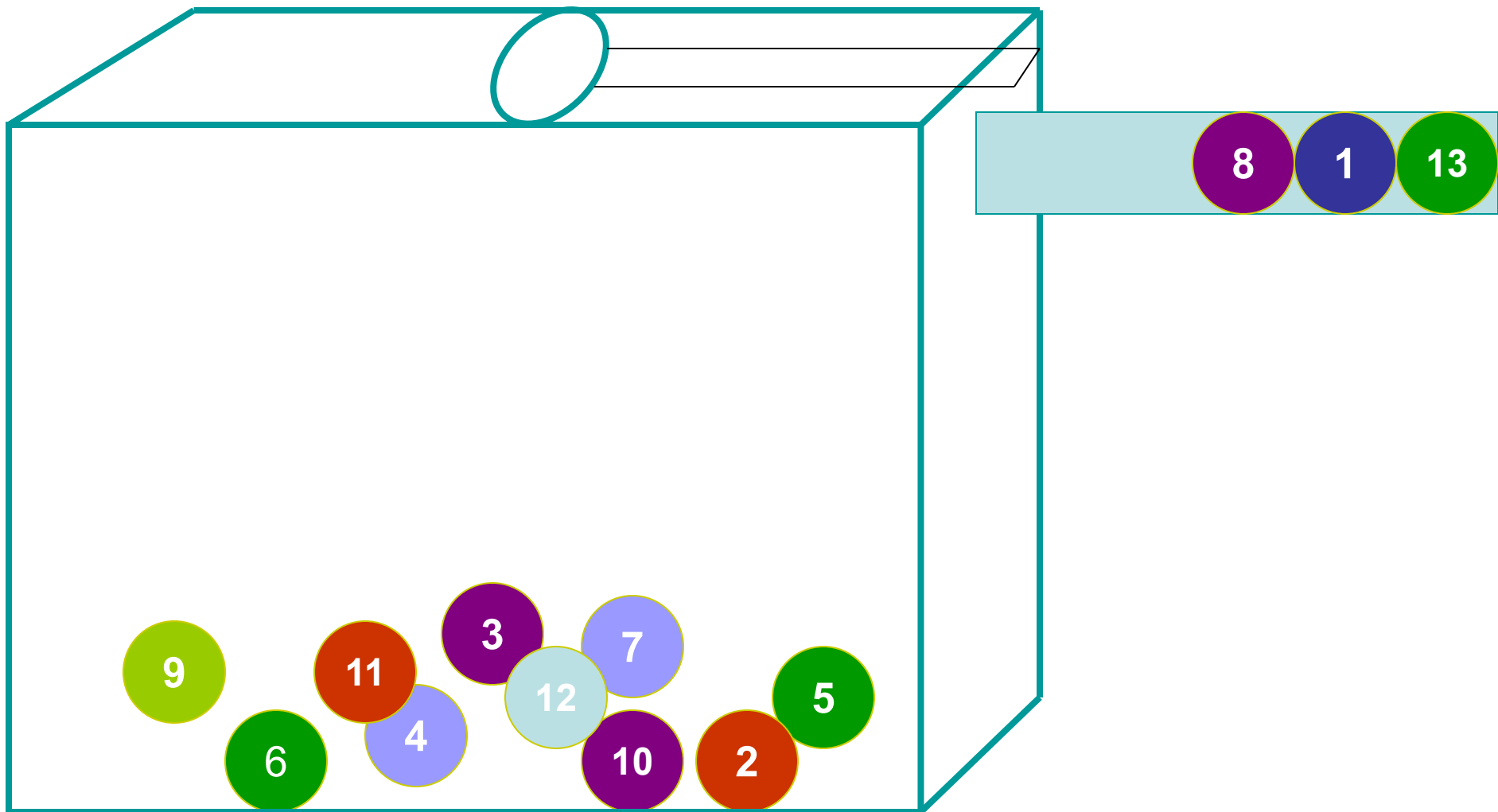
# Лото



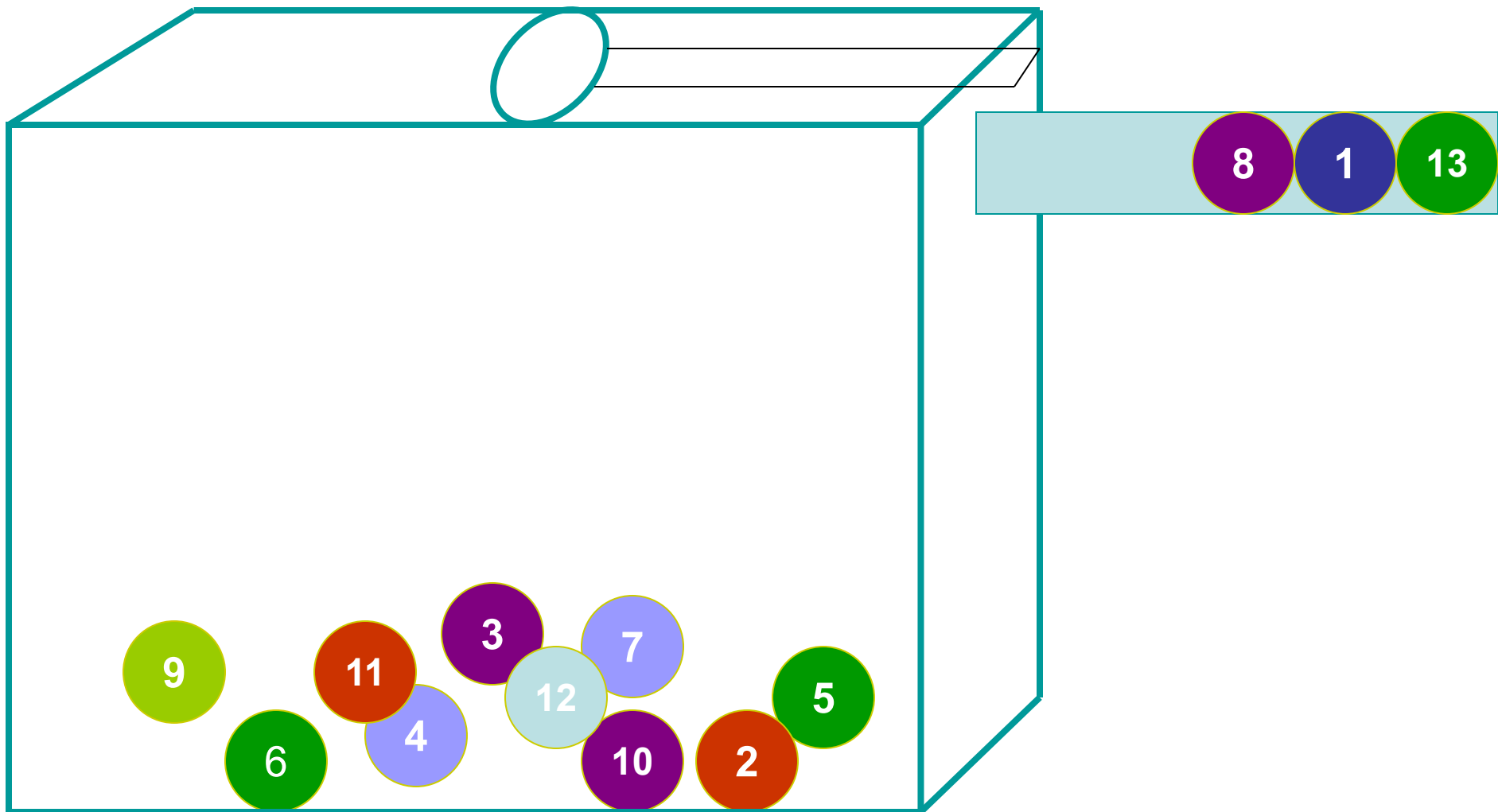
# Лото



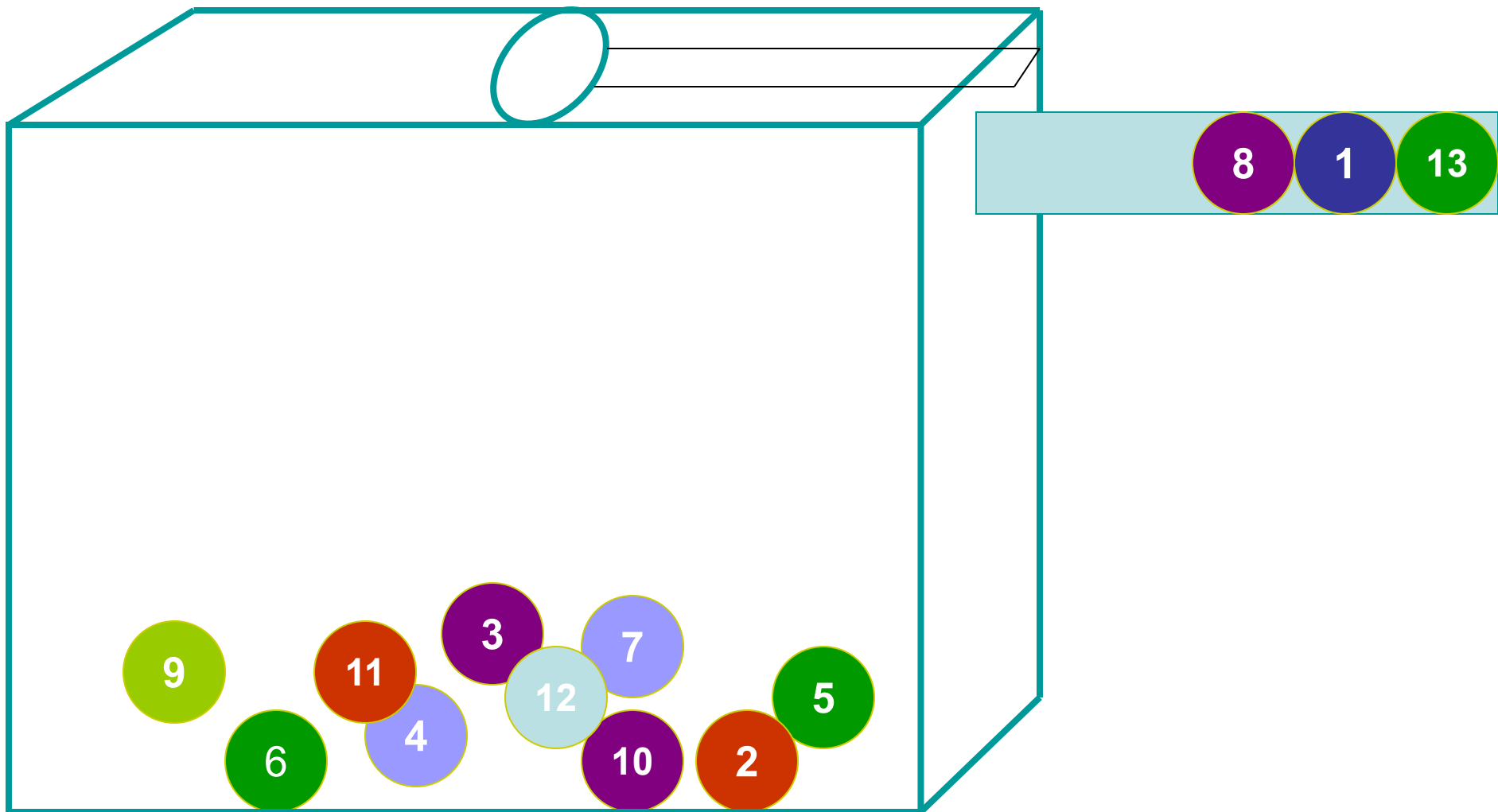
# Лото



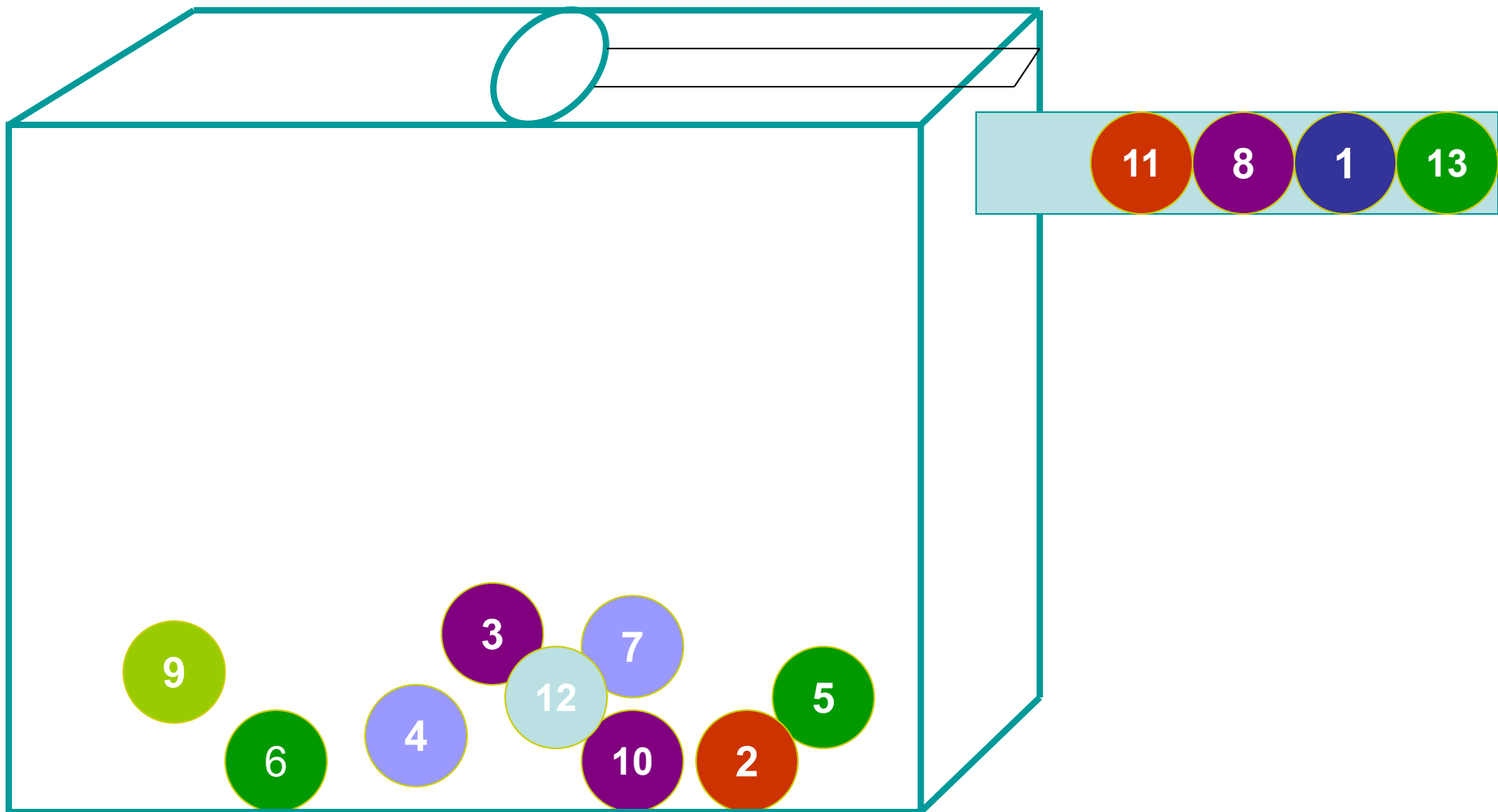
# Лото



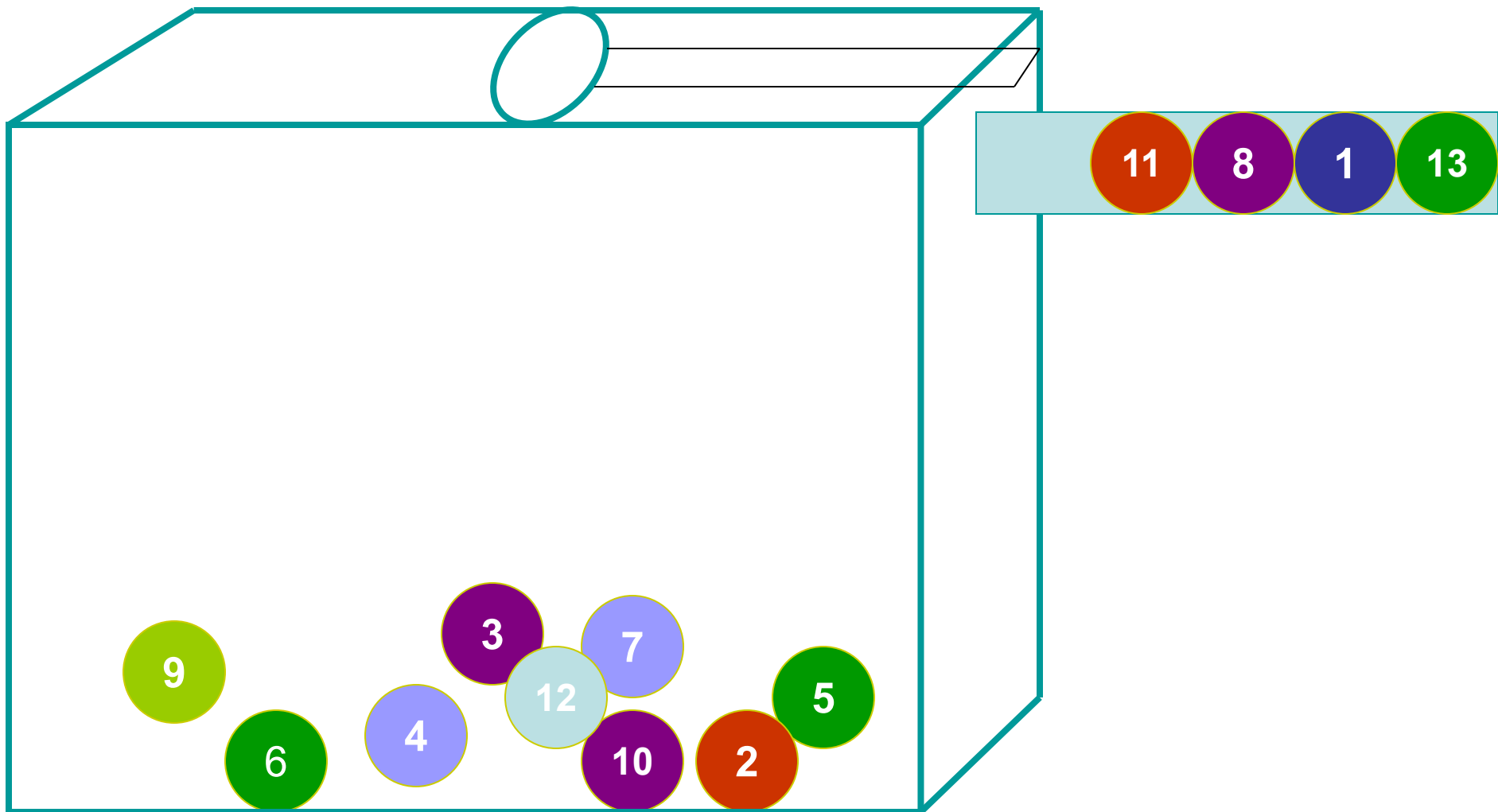
# Лото



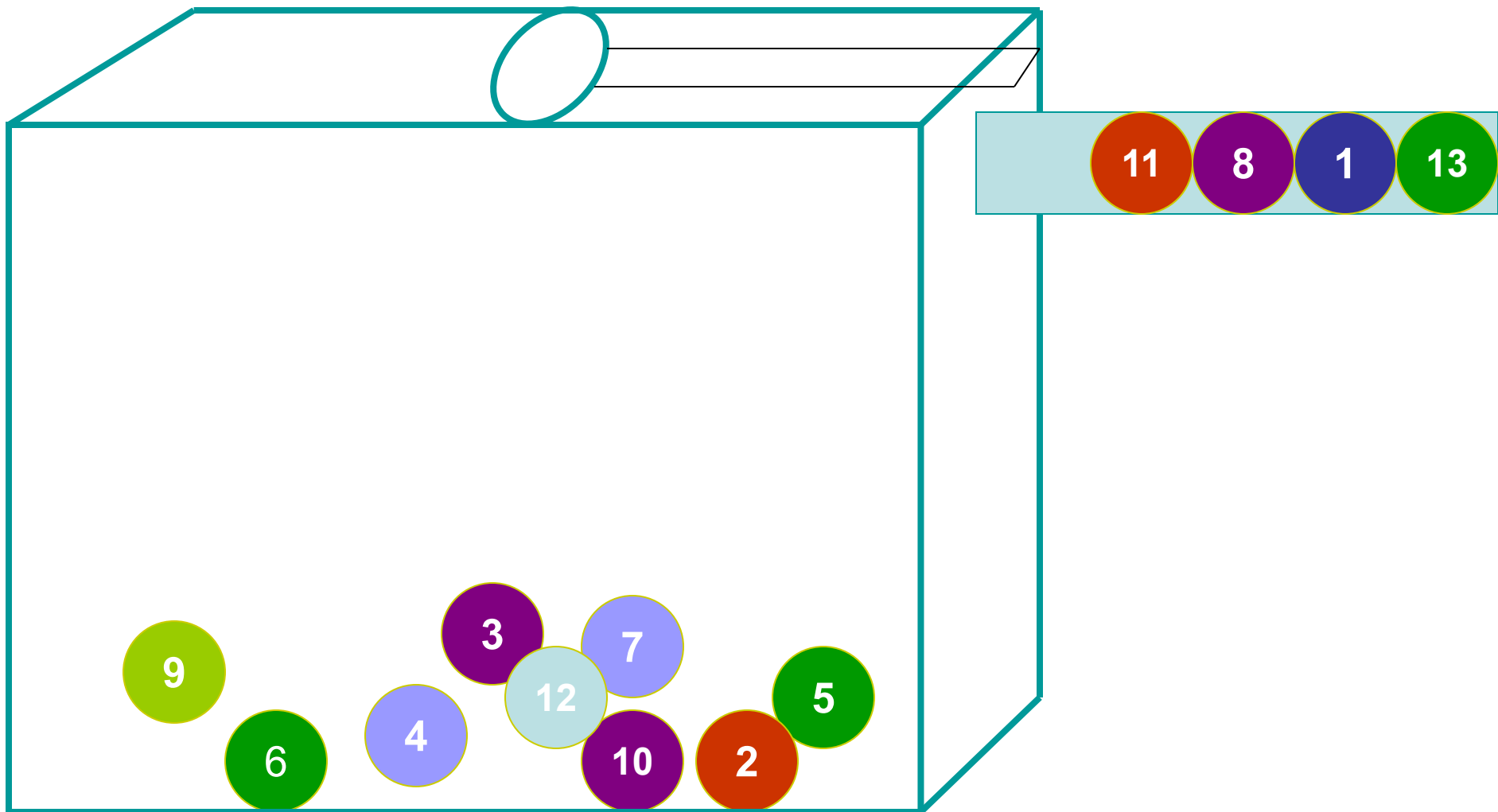
# Лото



# Лото

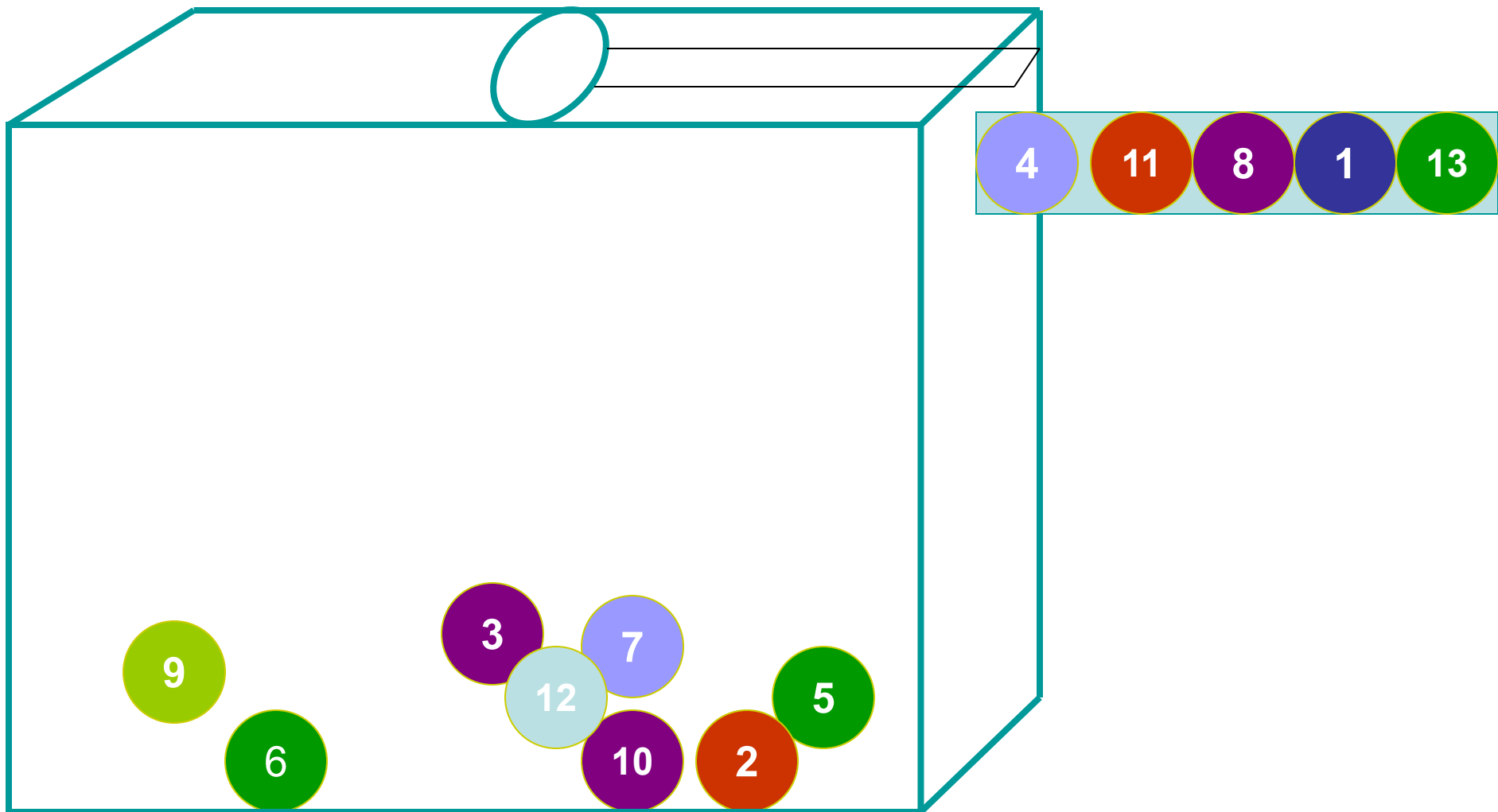


# Лото





# Лото



# Listbox компонентінің List қасиеті



# Бірөлшемді массивтің жазылу форматы



Қосындылардың бастапқы мәні  
нешеге тең



# Listbox компонентінін Additem әдісі



**Step операторының  
атқаратын қызметі**

# Үзінділер

# Келесі программаның үзіндісі нені анықтайды

$s = 0$

For  $k=1$  to  $n$

$s = s + a(k)$

Next  $k$



# Келесі программаның үзіндісі нені анықтайды

$s = 1$

For  $k=2$  to  $n$  step 2

$s = s * a(k)$

Next  $k$

# Келесі программаның үзіндісі нені анықтайды

$s = 0$

For  $k=1$  to  $n$

If  $a(k) \bmod 2 = 0$  then  $s = s + 1$

Next  $k$

# Массивтен бір элементті жою

```
Private Sub Command1_Click()
```

```
Dim a(8) As Integer
```

```
For i = 1 To 8
```

```
a(i) = InputBox("")
```

```
Next
```

```
For i = 5 To 7
```

```
a(i) = a(i + 1)
```

```
Next
```

```
a(8) = 18
```

```
For i = 1 To 8
```

```
List1.AddItem a(i)
```

```
Next
```

```
End Sub
```

# Dim A(8) as integer

$$a(i) = a(i + 1)$$

1  
8

1 1	1 2	1 3	1 4	1 4	1 5	1 6	1 7
1	2	3	4	5	6	7	8

For i = 5 To 7 a(8) = 18

# Массивтен бір элементті жою

```
Private Sub Command1_Click()
```

```
Dim a(8) As Integer
```

```
For i = 1 To 8
```

```
a(i) = InputBox("")
```

```
Next
```

```
For i = 5 To 7
```

```
a(i) = a(i + 1)
```

```
Next
```

```
a(8) = 18
```

```
For i = 1 To 8
```

```
List1.AddItem a(i)
```

```
Next
```

```
End Sub
```

# Массивке бір элемент қосу

```
Private Sub Command1_Click()
```

```
Dim a(8) As Integer
```

```
For i = 1 To 8
```

```
a(i) = InputBox("")
```

```
Next
```

```
For i = 8 To 6 Step -1
```

```
a(i) = a(i - 1)
```

```
Next
```

```
a(5) = 25
```

```
For i = 1 To 8
```

```
List1.AddItem a(i)
```

```
Next
```

```
End Sub
```

# Dim A(8) as integer

2  
5

**For i = 8 To 6 Step -1**

2 1	2 2	2 3	2 4	2 6	2 7	2 8	2 9
1	2	3	4	5	6	7	8

$$a(5) = 25$$

# Массивке бір элемент қосу

```
Private Sub Command1_Click()
```

```
Dim a(8) As Integer
```

```
For i = 1 To 8
```

```
a(i) = InputBox("")
```

```
Next
```

```
For i = 8 To 6 Step -1
```

```
a(i) = a(i - 1)
```

```
Next
```

```
a(5) = 25
```

```
For i = 1 To 8
```

```
List1.AddItem a(i)
```

```
Next
```

```
End Sub
```



# Массивтің ең кіші элементін анықтау

```
Private Sub Command1_Click()
```

```
Dim a(6) As Integer
```

```
For i = 1 To 6
```

```
a(i) = InputBox("")
```

```
Next
```

```
Min = a(1)
```

```
For i = 1 To 6
```

```
If a(i) < Min Then Min = a(i)
```

```
Next
```

```
For i = 1 To 6
```

```
List1.AddItem a(i)
```

```
Next
```

```
MsgBox "Min=" + Str(Min)
```







```
End Sub
```

# Dim A(6) as integer

**Min = a(3)**

If  $a(i) < \text{Min}$  Then  $\text{Min} = a(i)$

< > **Min = -2** <

					
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>

# Массивтің ең кіші элементін анықтау

```
Private Sub Command1_Click()
```

```
Dim a(6) As Integer
```

```
For i = 1 To 6
```

```
a(i) = InputBox("")
```

```
Next
```

```
Min = a(1)
```

```
For i = 1 To 6
```

```
If a(i) < Min Then Min = a(i)
```

```
Next
```

```
For i = 1 To 6
```

```
List1.AddItem a(i)
```

```
Next
```

```
MsgBox "Min=" + Str(Min)
```

```
End Sub
```