# Spreadsheet Functions

December 1, 2025

## Contents

# 1 Rounding Functions

## 1.1 Round

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =ROUND(1.1234,3) | | | | |
| 2 | | | | | | |

```
1.123
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =ROUND(1.1237,3) | | | | |
| 2 | | | | | | |

```
1.124
```

## 1.2 Roundup

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =ROUNDUP(1.1234,3) | | | | |
| 2 | | | | | | |

```
1.124
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =ROUNDUP(1.1237,3) | | | | |
| 2 | | | | | | |

```
1.124
```

## 1.3 Rounddown

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =ROUNDDOWN(1.1234,3) | | | | |
| 2 | | | | | | |

```
1.123
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =ROUNDDOWN(1.1237,3) | | | | |
| 2 | | | | | | |

```
1.123
```

# 2 Mathematical Functions

## 2.1 SIGN

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =SIGN(16) | | | | |
| 2 | | | | | | |

```
1
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =SIGN(-8) | | | | |
| 2 | | | | | | |

```
-1
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =SIGN(0) | | | | |
| 2 | | | | | | |

```
0
```

## 2.2 ABS

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =ABS(-25) | | | | |
| 2 | | | | | | |

```
25
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =ABS(25) | | | | |
| 2 | | | | | | |

```
25
```

## 2.3 POWER

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =POWER(2; 3) | | | | |
| 2 | | | | | | |

8

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =POWER(10; 4) | | | | |
| 2 | | | | | | |

10000

## 2.4 LOG

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =LOG(1000) | | | | |
| 2 | | | | | | |

3

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =LOG(8; 2) | | | | |
| 2 | | | | | | |

3

## 2.5 LN

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =LN(2,71828) | | | | |
| 2 | | | | | | |

0.999999327347282

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =LN(EXP(1)) | | | | |
| 2 | | | | | | |

1

## 2.6 LOG10

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =LOG10(1000)) | | | | |
| 2 | | | | | | |

```
3
```

## 2.7 EXP

$$EXP(x) = e^x$$

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =EXP(1) | | | | |
| 2 | | | | | | |

```
2.71828182845905
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =LN(EXP(2)) | | | | |
| 2 | | | | | | |

```
2
```

## 2.8 SQRT

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =SQRT(16) | | | | |
| 2 | | | | | | |

```
4
```

## 2.9 PI

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =PI() | | | | |
| 2 | | | | | | |

```
3.14159265358979
```

## 2.10 SIN

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =SIN(PI()/2) | | | | |
| 2 | | | | | | |

```
1
```

## 2.11 COS

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =COS(2 * PI()) | | | | |
| 2 | | | | | | |

```
1
```

## 2.12 RADIANS

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =RADIANS(90) | | | | |
| 2 | | | | | | |

```
1.5707963267949
```

## 2.13 DEGREES

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =DEGREES(PI()/2) | | | | |
| 2 | | | | | | |

```
90
```

## 2.14 ISNUMBER

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 8 | =ISNUMBER(A1) | | | | |
| 2 | | | | | | |

```
TRUE
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | Cat | =ISNUMBER(A1) | | | | |
| 2 | | | | | | |

```
FALSE
```

## 2.15 ISEVEN

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 8 | =ISEVEN(A1) | | | | |
| 2 | | | | | | |

```
TRUE
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 9 | =ISEVEN(A1) | | | | |
| 2 | | | | | | |

```
FALSE
```

## 2.16 ISODD

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 8 | =ISODD(A1) | | | | |
| 2 | | | | | | |

```
FALSE
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 9 | =ISODD(A1) | | | | |
| 2 | | | | | | |

```
TRUE
```

## 2.17 ISBLANK

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =ISBLANK(A1) | | | | |
| 2 | | | | | | |

```
TRUE
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | Cats | =ISBLANK(A1) | | | | |
| 2 | | | | | | |

```
FALSE
```

# 3 Statistical Functions

## 3.1 MIN

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =MIN(A1:A4) | | | | | |

```
5
```

## 3.2 MAX

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =MAX(A1:A4) | | | | | |

```
12
```

## 3.3 VAR

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =VAR(A1:A4) | | | | | |

```
10.9166666666667
```

### 3.4 STDEV

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =STDEV(A1:A4) | | | | | |

```
3.30403793359984
```

### 3.5 SUM

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =SUM(A1:A4) | | | | | |

```
35
```

### 3.6 PRODUCT

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =PRODUCT(A1:A4) | | | | | |

```
4620
```

### 3.7 AVERAGE

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =AVERAGE(A1:A4) | | | | | |

```
8.75
```

## 3.8 COUNT

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =COUNT(A1:A4) | | | | | |

```
4
```

## 3.9 MEDIAN

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =MEDIAN(A1:A4) | | | | | |

```
9.0
```

## 3.10 PERCENTILE

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =PERCENTILE(A1:A4; 0) | | | | | |

```
5
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =PERCENTILE(A1:A4; 1) | | | | | |

```
12
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =PERCENTILE(A1:A4; 0.5) | | | | | |

```
9
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =PERCENTILE(A1:A4; 0.25) | | | | | |

```
6.5
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =PERCENTILE(A1:A4; 0.75) | | | | | |

```
11.25
```

## 3.11 QUARTILE

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =QUARTILE(A1:A4; 0) | | | | | |

```
5
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =QUARTILE(A1:A4; 1) | | | | | |

```
6.5
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =QUARTILE(A1:A4; 2) | | | | | |

```
9
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =QUARTILE(A1:A4; 3) | | | | | |

```
11.25
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =QUARTILE(A1:A4; 4) | | | | | |

```
12
```

## 3.12 SKEW

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =SKEW(A1:A4) | | | | | |

```
-0.592518588276328
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | | | | | |
| 2 | 7 | | | | | |
| 3 | 12 | | | | | |
| 4 | 11 | | | | | |
| 5 | =KURT(A1:A4) | | | | | |

```
-3.86900530272129
```

## 3.13 CORREL

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | 10 | | | | |
| 2 | 7 | 14 | | | | |
| 3 | 12 | 24 | | | | |
| 4 | 11 | 22 | | | | |
| 5 | =CORREL(A1:A4; B1:B4) | | | | | |

```
1
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | 22 | | | | |
| 2 | 7 | 24 | | | | |
| 3 | 12 | 14 | | | | |
| 4 | 11 | 10 | | | | |
| 5 | =CORREL(A1:A4; B1:B4) | | | | | |

```
-0.862595419847328
```

### 3.14 FACT

### 3.15 COMBIN

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | =FACT(5) | | | | | |
| 2 | | | | | | |

```
120
```

### 3.16 COMBIN

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | =COMBIN(5; 2) | | | | | |
| 2 | | | | | | |

$$\text{nCr} = \frac{n!}{r!(n-r)!} = \frac{5!}{2!(5-2)!} = \frac{5 \times 4 \times 3!}{2 \times 1 \times 3!} = \frac{20}{2} = 10$$

```
10
```

## 4 Logical Functions

### 4.1 AND

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | TRUE | FALSE | | | |
| 2 | | TRUE | TRUE | | | |
| 3 | | FALSE | FALSE | | | |
| 4 | | =AND(B1:C1) | | | | |
| 5 | | =AND(B2:C2) | | | | |
| 6 | | =AND(B3:C3) | | | | |

```
FALSE
TRUE
FALSE
```

## 4.2 OR

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | TRUE | FALSE | | | |
| 2 | | TRUE | TRUE | | | |
| 3 | | FALSE | FALSE | | | |
| 4 | | =OR(B1:C1) | | | | |
| 5 | | =OR(B2:C2) | | | | |
| 6 | | =OR(B3:C3) | | | | |

```
TRUE
TRUE
FALSE
```

## 4.3 NOT

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | TRUE | | | | |
| 2 | | TRUE | | | | |
| 3 | | FALSE | | | | |
| 4 | | =NOT(B1) | | | | |
| 5 | | =NOT(B2) | | | | |
| 6 | | =NOT(B3) | | | | |

```
FALSE
FALSE
TRUE
```

## 4.4 XOR

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | TRUE | FALSE | | | |
| 2 | | TRUE | TRUE | | | |
| 3 | | FALSE | TRUE | | | |
| 4 | | FALSE | FALSE | | | |
| 5 | | =XOR(B1:C1) | | | | |
| 6 | | =XOR(B2:C2) | | | | |
| 7 | | =XOR(B3:C3) | | | | |

```
TRUE
FALSE
TRUE
FALSE
```

## 4.5 IF

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | 6 | 12 | -1 | 10 | |
| 2 | =IF(A1 = 5; TRUE; FALSE) | | | | | |
| 3 | =IF(AND(A1 >= 5; SIGN(D1) = -1); "YES"; "NO") | | | | | |
| 4 | =IF(AND(A1 = 5; B1 = 6; C1 > 5); "YES"; "NO") | | | | | |
| 5 | =IF(A1 < 0; "NEG"; IF(A1 = 0; "ZERO"; "POS")) | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |

```
TRUE
YES
YES
POS
```

### 4.5.1 IF...ELSEIF...ELSEIF...ELSE

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | 5 | 22 | | | | |
| 2 | 7 | 24 | | | | |

Write an IF statement to handle this situation:

- If the value in A1 is less than 10, return "LOW"
- If the value in A1 is between 10 and 20 (inclusive), return "MEDIUM"
- If the value in A1 is between 21 and 30 (inclusive), return "HIGH"
- If the value in A1 is greater than 30, return "VERY HIGH"

```
=IF(A1 < 10; "LOW";
   IF(AND(A1 >= 10; A1 <= 20); "MEDIUM";
      IF(AND(A1 >= 21; A1 <= 30); "HIGH";
         "VERY HIGH")))
```

A shorter version:

```
=IF(A1 < 10; "LOW";
   IF(A1 <= 20; "MEDIUM";
      IF(A1 <= 30; "HIGH";
         "VERY HIGH")))
```

The answer is

```
LOW
```

Use `IFS` function (if your Excel supports it):

```
=IFS(A1 < 10; "LOW";
     AND(A1 >= 10; A1 <= 20); "MEDIUM";
     AND(A1 >= 21; A1 <= 30); "HIGH";
     A1 > 30; "VERY HIGH")
```

### 4.5.2 How many real roots?

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | -1 | 5 | 100 | | | |
| 2 | =POWER(B1; 2) - 4 * A1 * C1 | | | | | |

Write an IF statement (indeed they are expressions in Excel) to determine how many real roots the quadratic equation $Ax^2 + Bx + C = 0$ has, based on the values in A1, B1, and C1. Return 0 (No real roots), 1 (repeated root), or 2 (two real roots).

```
=IF(B2 < 0; 0;
   IF(B2 = 0; 1; 2))
```

Use `IFS` function (if your Excel supports it):

```
=IFS(B2 < 0; 0;
     B2 = 0; 1;
     B2 > 0; 2)
```

### 4.5.3 How is the weather outside?

Suppose that the temperature is in cell A1 (in degrees Celsius). Write an IF statement to return the following:

- If the temperature is less than or equal to 0, return "Freezing"
- If the temperature is greater than 0 but less than or equal to 15, return "Cold"
- If the temperature is greater than 15 but less than or equal to 25, return "Warm"
- If the temperature is greater than 25 but less than or equal to 35, return "Hot"
- If the temperature is greater than 35, return "Too Hot"

```
=IF(A1 <= 0; "Freezing";
   IF(A1 <= 15; "Cold";
      IF(A1 <= 25; "Warm";
         IF(A1 <= 35; "Hot";
            "Too Hot"))))
```

Use `IFS` function (if your Excel supports it):

```
=IFS(A1 <= 0; "Freezing";
     A1 <= 15; "Cold";
     A1 <= 25; "Warm";
     A1 <= 35; "Hot";
     A1 > 35; "Too Hot")
```

# 5 Random Numbers

## 5.1 RAND

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =RAND() | | | | |
| 2 | | | | | | |

```
// A random number between 0 and 1, e.g.
0.5432101234
```

## 5.2 RANDBETWEEN

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =RANDBETWEEN(1; 10) | | | | |
| 2 | | | | | | |

```
// A random integer between 1 and 10, e.g.
// The range is inclusive, so 1 and 10 are possible outputs
7
```

# 6 Date and Time Functions

## 6.1 NOW

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =NOW() | | | | |
| 2 | | | | | | |

```
01/12/25 08:10 PM
```

## 6.2 YEAR

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | 01/12/25 08:10 PM | | | | |
| 2 | | =YEAR(B1) | | | | |

2025

## 6.3 MONTH

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | 01/12/25 08:10 PM | | | | |
| 2 | | =MONTH(B1) | | | | |

12

## 6.4 DAY

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | 01/12/25 08:10 PM | | | | |
| 2 | | =DAY(B1) | | | | |

1

## 6.5 HOUR

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | 01/12/25 08:10 PM | | | | |
| 2 | | =HOUR(B1) | | | | |

20

## 6.6 MINUTE

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | 01/12/25 08:10 PM | | | | |
| 2 | | =MINUTE(B1) | | | | |

10

### 6.7 SECOND

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | 01/12/25 08:10 PM | | | | |
| 2 | | =SECOND(B1) | | | | |

50

## 7 String Functions

### 7.1 CHAR

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =CHAR(65) | | | | |
| 2 | | | | | | |

A

### 7.2 CODE

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =CODE(”B”) | | | | |
| 2 | | | | | | |

66

### 7.3 UNICODE

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =UNICODE(”☺”) | | | | |
| 2 | | | | | | |

9786

### 7.4 UNICHAR

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | =UNICHAR(9786) | | | | |
| 2 | | | | | | |

Output: ☺

## 7.5 LOWER

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | istanBUL | | | | |
| 2 | | =LOWER(B1) | | | | |

```
istanbul
```

## 7.6 UPPER

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | istanBUL | | | | |
| 2 | | =UPPER(B1) | | | | |

```
ISTANBUL
```

## 7.7 CONCATENATE

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | İstanbul | University | | | |
| 2 | | =CONCATENATE(B1; C1) | | | | |

```
İstanbulUniversity
```

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | İstanbul | University | | | |
| 2 | | =CONCATENATE(B1;" "; C1) | | | | |

```
İstanbul University
```

## 7.8 LEFT

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | İstanbul | University | | | |
| 2 | | =LEFT(B1; 3) | | | | |

```
İst
```

## 7.9 RIGHT

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | İstanbul | University | | | |
| 2 | | =RIGHT(B1; 3) | | | | |

```
bul
```

## 7.10 MID

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | İstanbul | University | | | |
| 2 | | =MID(B1; 6; 3) | | | | |
| 3 | | =MID(C1; 5; 2) | | | | |

```
bul
er
```

## 7.11 LEN

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | İstanbul | University | | | |
| 2 | | =LEN(B1) | | | | |
| 3 | | =LEN(C1) | | | | |

```
8
10
```

## 7.12 ISTEXT

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | İstanbul | 1453 | | | |
| 2 | | =ISTEXT(B1) | | | | |
| 3 | | =ISTEXT(C1) | | | | |

```
TRUE
FALSE
```

## 7.13 ISNONTEXT

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | İstanbul | 1453 | | | |
| 2 | | =ISNONTEXT(B1) | | | | |
| 3 | | =ISNONTEXT(C1) | | | | |

```
FALSE
TRUE
```

## 7.14 REPLACE

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | İstanbul | | | | |
| 2 | | =REPLACE(A1; 4; 2; "*") | | | | |
| 3 | | =REPLACE(A1; 3; 5; "?") | | | | |

```
İs*bul
İs?l
```

## 7.15 SEARCH

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | | İstanbul | | | | |
| 2 | | =SEARCH("bul"; A1) | | | | |
| 3 | | =SEARCH("tan"; A1) | | | | |
| 4 | | =SEARCH("something"; A1) | | | | |

```
6
3
#VALUE!
```