

In Excel, the following arithmetic: = formula; + Add; - subtraction; _ Inversion (shot); * multiplication; % interest; ^ Supply to the degree; & Kontakenatsiya. Transactions comparison: <less; > More; = Equal; <= less than and equal; > = Greater than and equal; <> Not equal.

Fuktsiy diversity Excel grouped by sections: financial, statistical, mathematical, text to work with databases other. Some of the most commonly used functions in English and a Russian localization are shown in Table. 2.9. To enter a function you can use the wizard to enter function or set of functions usual keyboard.

Example. Calculate in Excel arithmetic average of the numbers that are in the cells from A1 to A16.

To calculate the specified value in the free cell enter the formula:
= AVERAGE (A1: A16)

Example. Show the cell date.

In a free cell enter the formula:
= TODAY ()

Table 2.9. Some features in Excel

Russian localization	English localization	Description
AVERAGE	AVERAGE	$(1 / n) \cdot \sum x_i$
EXACT	SOVPAD	Match
If	IF	IF
SUM	SUM	Sum
TODAY	TODAY	Today (date)
ABS (X)	ABS (X)	x
ACOS (X)	ACOS (X)	arc cosine
ACOSH (X)	ACOSH (X)	hyperbolic arc cosine
COS (X)	COS (X)	Cosine
ASIN (X)	ASIN (X)	arc sine
ASINH (X)	ASINH (X)	hyperbolic arc sine
SIN (X)	SIN (X)	Sine
EXP (X)	EXP (X)	ex
LN (X)	LN (X)	ln (x)
LOG10 (X)	LOG10 (X)	lg (x)
3.1415927	PI	PI

The result of interpretation of cell contents can be a mistake. Error Messages in Excel (tab. 2.10) begins with the # symbol.

Table 2.10. Error Messages in Excel

Russian localization	English localization	Description
#####	#####	Too narrow column
# DIV / 0!	# DEL / 0!	Division by zero
# N / A!	# N / A!	Value is not available
#NAME!	# Name!	Name incorrect

#NULL! # Empty! No intersection ranges
#NUM! #NUMERIC! Invalid argument too big / too low
#REF! # Links! Incorrect links
#VALUE! # So! Wrong type argument

Charts in Excel can be built on the existing table data using the Chart Wizard. Chart in Excel can contain one or more schedules. If the value for the different schedules have differences over the procedure, they should be appropriately scaled or build on different charts.