

## Lookup and reference functions (reference)

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Click one of the links in the following list to see detailed help about the function.

Function	Description
<a href="#">ADDRESS function</a>	Returns a reference as text to a single cell in a worksheet
<a href="#">AREAS function</a>	Returns the number of areas in a reference
<a href="#">CHOOSE function</a>	Chooses a value from a list of values
<a href="#">COLUMN function</a>	Returns the column number of a reference
<a href="#">COLUMNS function</a>	Returns the number of columns in a reference
<a href="#">GETPIVOTDATA function</a>	Returns data stored in a PivotTable report
<a href="#">HLOOKUP function</a>	Looks in the top row of an array and returns the value of the indicated cell
<a href="#">HYPERLINK function</a>	Creates a shortcut or jump that opens a document stored on a network server, an intranet, or the Internet
<a href="#">INDEX function</a>	Uses an index to choose a value from a reference or array
<a href="#">INDIRECT function</a>	Returns a reference indicated by a text value
<a href="#">LOOKUP function</a>	Looks up values in a vector or array
<a href="#">MATCH function</a>	Looks up values in a reference or array
<a href="#">OFFSET function</a>	Returns a reference offset from a given reference
<a href="#">ROW function</a>	Returns the row number of a reference
<a href="#">ROWS function</a>	Returns the number of rows in a reference
<a href="#">RTD function</a>	Retrieves real-time data from a program that supports <b>COM automation</b>
	<b>Note</b> This function is not available in Microsoft Excel Starter 2010
	For more information about the features available in Excel Starter, see <a href="#">Excel Starter feature support</a> .
<a href="#">TRANSPOSE function</a>	Returns the transpose of an array
<a href="#">VLOOKUP function</a>	Looks in the first column of an array and moves across the row to return the value of a cell

### See Also

- [List of worksheet functions \(alphabetical\)](#)
- [List of worksheet functions \(by category\)](#)