

Excel IF Function

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Excel IF Function

- The value of the formula:

$IF(exp1, exp2, exp3)$

depends on the value of $exp1$

- If the value of $exp1$ is true,

then the value of $IF(exp1, exp2, exp3)$

is the value of $exp2$

- If the value of $exp1$ is false,

then the value of $IF(exp1, exp2, exp3)$

is the value of $exp3$

Example 1

The value of:

```
IF ( true , 3+2 , 7+6 )
```

is:

5

Example 2

- If the cell D3 contains the value "Hello" and the cell E3 contains the value "Hi", then the value of the formula:

`IF(D3=E3, "same", "different")`

is

`"different"`

Example 2

The screenshot displays the Microsoft Excel interface. The title bar reads "Book1 - Microsoft Excel". The ribbon is set to "Acrobat", with sub-panels for "Create Adobe PDF", "Create and Email", and "Review And Comment". The formula bar shows the formula `=IF(D3=E3,"same","different")` for cell F3. The spreadsheet grid shows the following data:

	A	B	C	D	E	F	G	H
1								
2								
3				Hello	Hi	different		
4								
5								

The status bar at the bottom indicates "Ready" and a zoom level of 100%.