| ndirect  | G+ Fol         | llow 9.                 | .7k          |              |              |               |                |          | Search E  | ntire Site                        | Go |  |
|--|----------------|-------------------------|--------------|--------------|--------------|---------------|----------------|----------|---|-----------------------------------|----|--|
| ne INDIRECT function returns the reference specified by a text string. |                |                         |              |              |              |               |                |          |   | Chapter                           |    |  |
| For example, the INI   | IDIRECT f      | function be             | low reduce:  | s to =INDIRE | ECT("C2"),   | =C2, 5        |                |          |   |                                   |    |  |
| A1 • (=  | f <sub>x</sub> | =INDIREC                | T(B1)        |              |              |               |                |          | Lookup & Reference Functions                          |                                   |    |  |
|  | В              | С                       | D            | E            | F            | G             | Н              | I.       |   |                                   |    |  |
| 5 C2   |                | 5                       |              |              |              |               |                |          | Learn more, it's easy                                 |                                   |    |  |
|  |                |                         |              |              |              |               |                |          | Tax Rates   |                                   |    |  |
|  |                | 5                       |              |              |              |               |                |          | Tax Rate  | es                                |    |  |
|  |                |                         | for this? Ye | s. Below yo  | u can find t | he result wit | hout using the | INDIRECT |   | es                                |    |  |
|  | INDIREC        |                         | for this? Ye | s. Below yo  | u can find t | he result wit | hout using the | INDIRECT | Offset  |                                   |    |  |
| we really need the   |                |                         | for this? Ye | s. Below yo  | u can find t | he result wit | hout using the | INDIRECT |   |                                   |    |  |
| we really need the ction.  |                | CT function             | for this? Ye | s. Below yo  | u can find t | he result wit | hout using the | INDIRECT | Offset<br>Left Loo                                    |                                   |    |  |
| we really need the ction.<br>A1 • C2 C2                                | f <sub>x</sub> | CT function<br>=B1<br>C |              |              | 1            |               |                |          | Offset<br>Left Loo<br>Two-wa                          | kup                               |    |  |
| we really need the ction.  | f <sub>x</sub> | CT function             |              |              | 1            |               |                |          | Offset<br>Left Loo<br>Two-way<br>Locate N             | kup<br>y Lookup                   |    |  |
| we really need the ction.  | f <sub>x</sub> | CT function<br>=B1<br>C |              |              | 1            |               |                |          | Offset<br>Left Loo<br>Two-wa                          | kup<br>y Lookup                   |    |  |
| we really need the ction.  | f <sub>x</sub> | CT function<br>=B1<br>C |              |              | 1            |               |                |          | Offset<br>Left Loo<br>Two-way<br>Locate M<br>Indirect | kup<br>y Lookup<br>⁄Iaximum Value |    |  |
| we really need the ction.  | f <sub>x</sub> | CT function<br>=B1<br>C |              |              | 1            |               |                |          | Offset<br>Left Loo<br>Two-way<br>Locate M<br>Indirect | kup<br>y Lookup                   | le |  |



## 2. For example, the function below reduces to =SUM(INDIRECT("E3:E6")), =SUM(E3:E6), 27

| A3 | A3 ▼ ( <i>f</i> <sub>x</sub> |   | =SUM(INDIRECT("E"&A1&":E"&A2)) |   |    |   |   |   |    |  |  |
|----|------------------------------|---|--------------------------------|---|----|---|---|---|----|--|--|
|    | А                            | В | С                              | D | E  | F | G | Н | I. |  |  |
| 1  | 3                            |   |                                |   | 2  |   |   |   |    |  |  |
| 2  | 6                            |   |                                |   | 6  |   |   |   |    |  |  |
| 3  | 27                           |   |                                |   | 5  |   |   |   |    |  |  |
| 4  |                              |   |                                |   | 5  |   |   |   |    |  |  |
| 5  |                              |   |                                |   | 10 |   |   |   |    |  |  |
| 6  |                              |   |                                |   | 7  |   |   |   |    |  |  |
| 7  |                              |   |                                |   | 8  |   |   |   |    |  |  |
| 8  |                              |   |                                |   |    |   |   |   |    |  |  |

Note: the & operator is used to join strings. Border for illustration only.

3. For example, the function below reduces to =AVERAGE(Scores), 9

| A1 ▼ (* ƒ <sub>*</sub> |   |        | =AVERAGE(INDIRECT(B1)) |   |   |   |   |   |   |  |  |
|------------------------|---|--------|------------------------|---|---|---|---|---|---|--|--|
| 1                      | А | В      | С                      | D | E | F | G | Н | 1 |  |  |
| 1                      | 9 | Scores |                        |   |   |   |   |   |   |  |  |
| 2                      |   |        | 8                      |   |   |   |   |   |   |  |  |
| 3                      |   |        | 9                      |   |   |   |   |   |   |  |  |
| 4                      |   |        | 10                     |   |   |   |   |   |   |  |  |
| 5                      |   |        |                        |   |   |   |   |   |   |  |  |

Note: the named range Scores refers to the range C2:C4.

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