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## Numbers to Text 6 Follow

By default, numbers are right-aligned and text is left-aligned. This example teaches you how to convert numbers to 'text strings that represent numbers'.

| L16 | · • | $f_x$ |   |   |   |   |   |   |   |
|-----|-----|-------|---|---|---|---|---|---|---|
| 4   | Α   | В     | С | D | Е | F | G | Н | 1 |
| 1   | 2   |       |   |   |   |   |   |   |   |
| 2   | 4   |       |   |   |   |   |   |   |   |
| 3   | 6   |       |   |   |   |   |   |   |   |
| 4   | 8   |       |   |   |   |   |   |   |   |
| 5   | 10  |       |   |   |   |   |   |   |   |
| 6   |     |       |   |   |   |   |   |   |   |
| 7   |     |       |   |   |   |   |   |   |   |

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1. Select the range A1:A4 and change the number format to Text.

| A   | L <b>▼</b> (• | $f_x$ | 2 |   |   |   |   |   |   |
|-----|---------------|-------|---|---|---|---|---|---|---|
| 1   | А             | В     | С | D | Е | F | G | Н | 1 |
| 1 2 | 2             |       |   |   |   |   |   |   |   |
| 2 4 | 1             |       |   |   |   |   |   |   |   |
| 3 6 | 5             |       |   |   |   |   |   |   |   |
| 4 8 | 3             |       |   |   |   |   |   |   |   |
| 5   | 10            |       |   |   |   |   |   |   |   |
| 6   |               |       |   |   |   |   |   |   |   |
| 7   |               |       |   |   |   |   |   |   |   |

2. Precede a number by an apostrophe and it will also be treated as text.

|   |                        | (- |          | 1  |   |   |   |   |   |   |
|---|------------------------|----|----------|----|---|---|---|---|---|---|
| - | A5 ▼ (* f <sub>x</sub> |    | '10      | 10 |   |   |   |   |   |   |
| 1 |                        | Α  | В        | С  | D | Е | F | G | Н | 1 |
| 1 | 2                      |    |          |    |   |   |   |   |   |   |
| 2 | 4                      |    |          |    |   |   |   |   |   |   |
| 3 | 6                      |    |          |    |   |   |   |   |   |   |
| 4 | 8                      |    |          |    |   |   |   |   |   |   |
| 5 | 10                     |    | <b>(</b> |    |   |   |   |   |   |   |
| 6 |                        |    |          |    |   |   |   |   |   |   |
| 7 |                        |    |          |    |   |   |   |   |   |   |

3a. If you add text to a number and still want to format this number, use the TEXT function. Without using the TEXT function this would be result.

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numbers-to-text.xls

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| В | 1 •        | fx        | ="You earned: " & A1 |   |   |   |   |
|---|------------|-----------|----------------------|---|---|---|---|
| 1 | А          | В         |                      | С | D | E | F |
| 1 | \$3,590.56 | You earne | d: 3590.56           | ] |   |   |   |
| 2 |            |           |                      |   |   |   |   |
| 3 |            |           |                      |   |   |   |   |

## 3b. With the TEXT function.

| В | 1 •        | $f_x$ ="You earned: " & TEXT(A1, | "\$#,##0.00" | ') |   |   |
|---|------------|----------------------------------|--------------|----|---|---|
| 4 | Α          | В                                | С            | D  | Е | F |
| 1 | \$3,590.56 | You earned: \$3,590.56           |              |    |   |   |
| 2 |            |                                  |              |    |   |   |
| 3 |            |                                  |              |    |   |   |

Note: #,## is used to add comma's to large numbers.

3c. Here's another example. Apply a percentage format.

| В   | 1 •    | fx =TEXT(A1, "0%") & " of the s     | =TEXT(A1, "0%") & " of the students passed the exam" |   |   |   |  |  |
|-----|--------|-------------------------------------|--|---|---|---|--|--|
| -24 | Α      | В                                   | С  | D | E | F |  |  |
| 1   | 95.73% | 96% of the students passed the exam |  |   |   |   |  |  |
| 2   |        |                                     |  |   |   |   |  |  |
| 3   |        |                                     |  |   |   |   |  |  |

Note: use 0 to display the nearest integer value. Use 0.0 for one decimal place. Use 0.00 for two decimal places, etc.

3d. And another example. Format a date.

| E | 31 • (    | f <sub>x</sub> | = "Today is: " & TEXT(A1, "m | = "Today is: " & TEXT(A1, "mmmm dd, yyyy") |   |   |   |  |  |  |  |
|---|-----------|----------------|------------------------------|--|---|---|---|--|--|--|--|
| 1 | А         |                | В                            | С  | D | Е | F |  |  |  |  |
| 1 | 6/10/2013 | Today is: J    | une 10, 2013                 |  |   |   |   |  |  |  |  |
| 2 |           |                |                              |  |   |   |   |  |  |  |  |
| 3 |           |                |                              |  |   |   |   |  |  |  |  |

Note: use less/more m's, d's and y's to change the appearance of the date.

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