

How do I calculate the difference between two times in minutes using Excel?

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This guide will explain the process of calculating the difference between two times in minutes using Excel. By following a few simple steps, you will be able to accurately determine the time difference between two given times in a matter of minutes. This feature in Excel is highly useful for tasks such as calculating work hours, tracking project durations, and managing schedules. With clear instructions and examples, this guide will equip you with the necessary skills to efficiently calculate time differences in minutes using Excel.

Excel: Calculate Difference Between Two Times in Minutes

You can use the following formula to calculate the difference between two times in minutes in Excel:

`=(B2-A2)*1440`

This particular formula calculates the difference (in minutes) between the times in cells B2 and A2.

By default, the formula B2-A2 would return the difference between cells B2 and A2 in terms of days.

Since there are 1,440 minutes in a day, we must multiply the result of B2-A2 by 1,440 to get the difference in terms of minutes instead of days.

The following example shows how to use this formula in practice.

Example: Calculate Difference Between Times in Minutes in Excel

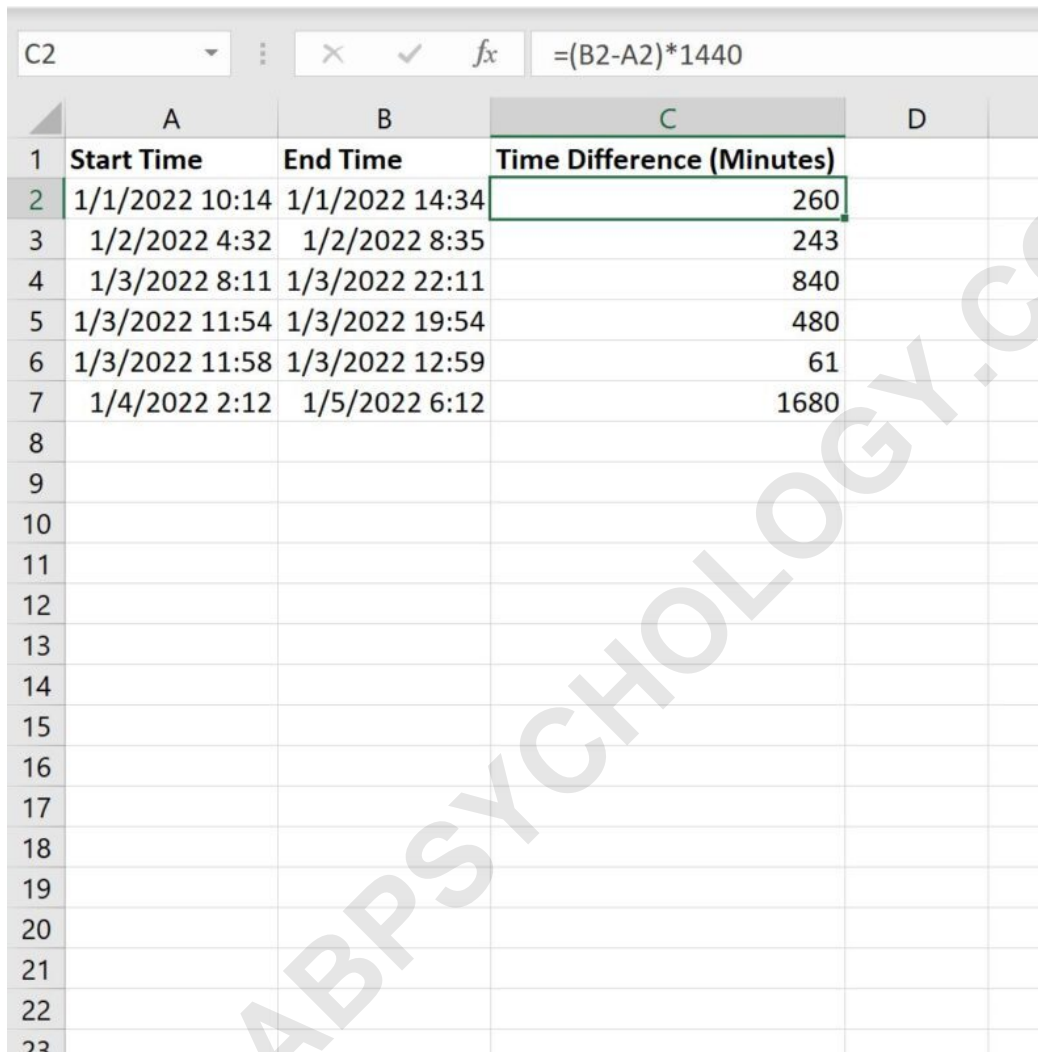
Suppose we have the following two columns in Excel that show the start and end times for some events:

| | A | B | C | D | E |
|----|-------------------|-----------------|---|---|---|
| 1 | Start Time | End Time | | | |
| 2 | 1/1/2022 10:14 | 1/1/2022 14:34 | | | |
| 3 | 1/2/2022 4:32 | 1/2/2022 8:35 | | | |
| 4 | 1/3/2022 8:11 | 1/3/2022 22:11 | | | |
| 5 | 1/3/2022 11:54 | 1/3/2022 19:54 | | | |
| 6 | 1/3/2022 11:58 | 1/3/2022 12:59 | | | |
| 7 | 1/4/2022 2:12 | 1/5/2022 6:12 | | | |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |
| 11 | | | | | |
| 12 | | | | | |
| 13 | | | | | |
| 14 | | | | | |
| 15 | | | | | |
| 16 | | | | | |
| 17 | | | | | |
| 18 | | | | | |
| 19 | | | | | |
| 20 | | | | | |
| 21 | | | | | |
| 22 | | | | | |
| 23 | | | | | |

We can type the following formula into cell C2 to calculate the difference between the start and end time for the first row in terms of minutes:

`=(B2-A2)*1440`

We can then drag and fill this formula down to each remaining cell in column C:



| | A | B | C | D |
|----|-------------------|-----------------|----------------------------------|---|
| 1 | Start Time | End Time | Time Difference (Minutes) | |
| 2 | 1/1/2022 10:14 | 1/1/2022 14:34 | 260 | |
| 3 | 1/2/2022 4:32 | 1/2/2022 8:35 | 243 | |
| 4 | 1/3/2022 8:11 | 1/3/2022 22:11 | 840 | |
| 5 | 1/3/2022 11:54 | 1/3/2022 19:54 | 480 | |
| 6 | 1/3/2022 11:58 | 1/3/2022 12:59 | 61 | |
| 7 | 1/4/2022 2:12 | 1/5/2022 6:12 | 1680 | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |
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| 18 | | | | |
| 19 | | | | |
| 20 | | | | |
| 21 | | | | |
| 22 | | | | |
| 23 | | | | |

The values in column C display the difference in minutes between the Start Time and End Time for each row.

Note that the time difference in the last row is greater than 1,440 because the difference between the Start

Time and End Time for the last row is greater than one whole day.

The following tutorials explain how to perform other common operations in Excel:

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