# Quarter Formula in Excel

An easy formula that returns the quarter for a given date. There's no built-in function in Excel that can do this.

1. Enter the formula shown below.

| B1 | ▼ | ⋮ | ✕ | ✓ | *fx* | =ROUNDUP(MONTH(A1)/3,0) |

| ◢ | A | B | C | D | E | F | G | H | I |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5/28/2022 | 2 | | | | | | | |
| 2 | | | | | | | | | |

Explanation: ROUNDUP(x,0) always rounds x up to the nearest integer. The MONTH function returns the month number of a date. In this example, the formula reduces to =ROUNDUP(5/3,0), =ROUNDUP(1.666667,0), 2. May is in Quarter 2.

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2. Let's see if this formula works for all months.

| B1 | ▼ | ⋮ | ✕ | ✓ | *fx* | =MONTH(A1)/3 |

| ◢ | A | B | C | D | E | F | G | H | I |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1/28/2022 | 0.333333 | | | | | | | |
| 2 | 2/28/2022 | 0.666667 | | | | | | | |
| 3 | 3/28/2022 | 1 | | | | | | | |
| 4 | 4/28/2022 | 1.333333 | | | | | | | |
| 5 | 5/28/2022 | 1.666667 | | | | | | | |
| 6 | 6/28/2022 | 2 | | | | | | | |
| 7 | 7/28/2022 | 2.333333 | | | | | | | |
| 8 | 8/28/2022 | 2.666667 | | | | | | | |
| 9 | 9/28/2022 | 3 | | | | | | | |
| 10 | 10/28/2022 | 3.333333 | | | | | | | |

| | A | B | C |
|---|---|---|---|
| 10 | 10/28/2022 | 3.333333 | |
| 11 | 11/28/2022 | 3.666667 | |
| 12 | 12/28/2022 | 4 | |
| 13 | | | |

Explanation: now it's not difficult to see that the first three values (months) in column B are rounded up to 1 (Quarter 1), the next three values (months) in column B are rounded up to 2 (Quarter 2), etc.

3. You can also use MONTH and CHOOSE in Excel to return the quarter for a given date.

B1    fx   =CHOOSE(MONTH(A1),1,1,1,2,2,2,3,3,3,4,4,4)

| | A | B | C | D | E | F | G | H | I |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5/28/2022 | 2 | | | | | | | |
| 2 | | | | | | | | | |

Explanation: in this formula, MONTH(A1) returns 5. As a result, the CHOOSE function returns the fifth choice. May is in Quarter 2.

4. This formula works for all months.

B1    fx   =CHOOSE(MONTH(A1),1,1,1,2,2,2,3,3,3,4,4,4)

| | A | B | C | D | E | F | G | H | I |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1/28/2022 | 1 | | | | | | | |
| 2 | 2/28/2022 | 1 | | | | | | | |
| 3 | 3/28/2022 | 1 | | | | | | | |
| 4 | 4/28/2022 | 2 | | | | | | | |
| 5 | 5/28/2022 | 2 | | | | | | | |
| 6 | 6/28/2022 | 2 | | | | | | | |
| 7 | 7/28/2022 | 3 | | | | | | | |
| 8 | 8/28/2022 | 3 | | | | | | | |
| 9 | 9/28/2022 | 3 | | | | | | | |
| 10 | 10/28/2022 | 4 | | | | | | | |
| 11 | 11/28/2022 | 4 | | | | | | | |
| 12 | 12/28/2022 | 4 | | | | | | | |
| 13 | | | | | | | | | |

Explanation: in this formula, MONTH(A1) returns 1. As a result, the CHOOSE function returns the first choice. January is in Quarter 1.

To return the fiscal quarter for a given date, slightly adjust the list of values.

5. For example, if your company's fiscal year starts in April, use the following formula.

B1    fx   =CHOOSE(MONTH(A1),4,4,4,1,1,1,2,2,2,3,3,3)

| | A | B | C | D | E | F | G | H | I |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1/28/2022 | 4 | | | | | | | |
| 2 | 2/28/2022 | 4 | | | | | | | |
| 3 | 3/28/2022 | 4 | | | | | | | |
| 4 | 4/28/2022 | 1 | | | | | | | |

| | A | B |
|---|---|---|
| 4 | 4/28/2022 | 1 |
| 5 | 5/28/2022 | 1 |
| 6 | 6/28/2022 | 1 |
| 7 | 7/28/2022 | 2 |
| 8 | 8/28/2022 | 2 |
| 9 | 9/28/2022 | 2 |
| 10 | 10/28/2022 | 3 |
| 11 | 11/28/2022 | 3 |
| 12 | 12/28/2022 | 3 |
| 13 | | |

Note: green font for illustration only.

6. For example, if your company's fiscal year starts in October, use the following formula.

| B1 | ⋮ | × ✓ fx | =CHOOSE(MONTH(A1),2,2,2,3,3,3,4,4,4,1,1,1) |

| | A | B | C | D | E | F | G | H | I |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1/28/2022 | 2 | | | | | | | |
| 2 | 2/28/2022 | 2 | | | | | | | |
| 3 | 3/28/2022 | 2 | | | | | | | |
| 4 | 4/28/2022 | 3 | | | | | | | |
| 5 | 5/28/2022 | 3 | | | | | | | |
| 6 | 6/28/2022 | 3 | | | | | | | |
| 7 | 7/28/2022 | 4 | | | | | | | |
| 8 | 8/28/2022 | 4 | | | | | | | |
| 9 | 9/28/2022 | 4 | | | | | | | |
| 10 | 10/28/2022 | 1 | | | | | | | |
| 11 | 11/28/2022 | 1 | | | | | | | |
| 12 | 12/28/2022 | 1 | | | | | | | |
| 13 | | | | | | | | | |

Tip: to quickly copy the formula in cell B1 to the other cells, select cell B1 and double click on the lower right corner of cell B1 (the fill handle).

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