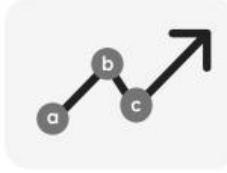


## Online Fibonacci Calculator Tool; A, B, C Levels Calculation + Formula

The TradingFinder Fibonacci Calculator provides **8 retracement** levels and **9 extension** levels in both **uptrends** and **downtrends** by receiving **3 values** [**High, Low, Custom**]. This tool is available **free** of charge for all users.

 Uptrend



High (b)

Low (a)

Custom (c)

Calculate

Retracements

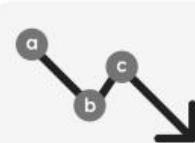
0% (b)	--
--------	----

23.6%	--
38.2%	--
50%	--
61.8%	--
76.4%	--
100% (a)	--
138.2%	--

#### Extensions

261.8%	--
200%	--
161.8%	--
138.2%	--
100%	--
61.8%	--
50%	--
38.2%	--
23.6%	--

 Downtrend



High (a)

Low (b)

Custom (c)

Calculate

#### Retracements

138.2% --

100% (a) --

76.4% --

61.8% --

50% --

38.2% --

23.6% --

0% (b) --

#### Extensions

23.6% --

38.2% --

50% --

61.8% --

100% --

138.2%	--
161.8%	--
200%	--
261.8%	--

## What is TradingFinder's Fibonacci Calculator Tool?

The Fibonacci Calculator determines **retracement** and **extension** levels based on **3** points: **High**, **Low**, and **Custom**. This online tool can be used in various timeframes from **one second** to **12 months** and is applicable to **forex**, **cryptocurrency**, and **stock** markets.

Additionally, all trading styles in short-term, medium-term, and long-term trading are compatible with this calculator.

## How to Utilize TradingFinder's Fibonacci Calculator

Follow the next section to receive the tool's output in **uptrends** and **downtrends**.

### How to Use the Fibonacci Calculator

#### Uptrend:

1. Enter the "**High**" number in the relevant field;
2. Type the "**Low**" value in its related section (Low must be less than High);
3. After setting the "**Custom**" level, click on the "**Calculate**" option.

Then, the calculator applies **Fibonacci ratios** to the input numbers, and **retracement** and **extension** levels appear next to their corresponding **percentages** in the **two** boxes on the right. The "Custom" number will **only affect the extension level output**.

#### Downtrend:

The **Downtrend** section is located below **"Uptrend"**. Using the calculator in this other part is completely the same as it is with Downtrend.

Calculator Outputs			
Retracements		Extensions	
0% (b)	5.00	261.8%	4.62
23.6%	4.76	200%	4.00
38.2%	4.62	161.8%	3.62
50%	4.50	138.2%	3.38
61.8%	4.38	100%	3.00
76.4%	4.24	61.8%	2.62
100% (a)	4.00	50%	2.50
138.2%	3.62	38.2%	2.38
		23.6%	2.24

TradingFinder Fibonacci Calculator tool outputs appear as shown in the image after clicking on the "Calculate" option

## Understanding Calculator Outputs

In brief, in an uptrend, retracement numbers act as **support levels** while extension values appear as **resistance levels**. In a downtrend, the situation is **reversed**; live retracement levels serve as resistance, and extension levels appear as support.

## Fibonacci Calculator Formula

The formula for the Fibonacci sequence and its levels is as follows:

$$F_n = F_{n-1} + F_{n-2}$$

## Reasons to Use TradingFinder's Fibonacci Calculator Tool

Traders can determine position **entry** and **exit** points by considering the support and resistance levels identified by the Fibonacci calculator. Additionally, this tool allows users to set **Price Targets**.

## Sources:

### More Information:

<https://tradingfinder.com/products/tools/fibonacci-calculator/>

### Watch it on YouTube:

<https://youtu.be/mGSQDZXa8ik>

### Trading Tools Link:

<https://tradingfinder.com/products/tools/>



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