



## Forex Basics & Terminology

### Key Forex Terms

<b>Currency Pair</b>	The quotation of two different currencies, with the value of one currency being quoted against the other (e.g., EUR/USD).
<b>Base Currency</b>	The first currency listed in a currency pair. It represents how much of the quote currency is needed to purchase one unit of the base currency.
<b>Quote Currency</b>	The second currency listed in a currency pair. It represents the price one pays in order to buy the base currency.
<b>Pip (Point in Percentage)</b>	The smallest price increment a currency pair can move. Typically, it's 0.0001 for most pairs and 0.01 for JPY pairs.
<b>Leverage</b>	The use of borrowed funds to increase trading size and potential returns (or losses). Expressed as a ratio (e.g., 1:100).
<b>Margin</b>	The amount of money required in your account to open and maintain a leveraged position.
<b>Spread</b>	The difference between the bid (selling) and ask (buying) price of a currency pair. It represents the broker's commission.
<b>Bid Price</b>	The price at which a broker is willing to buy a currency pair from you.
<b>Ask Price</b>	The price at which a broker is willing to sell a currency pair to you.

## Technical Analysis

### Chart Patterns

<b>Head and Shoulders</b>	A reversal pattern indicating a potential downtrend. Characterized by a peak (left shoulder), a higher peak (head), and another peak roughly equal to the first (right shoulder).
<b>Inverse Head and Shoulders</b>	A reversal pattern indicating a potential uptrend. The inverse of the head and shoulders pattern.
<b>Double Top</b>	A reversal pattern indicating a potential downtrend. Price attempts to break a resistance level twice but fails.
<b>Double Bottom</b>	A reversal pattern indicating a potential uptrend. Price attempts to break a support level twice but fails.
<b>Triangles (Ascending, Descending, Symmetrical)</b>	Continuation patterns indicating a potential breakout in the direction of the prevailing trend.

## Trading Strategies

### Common Forex Strategies

<b>Scalping:</b> A trading style that specializes in profiting off small price changes, generally after a trade is executed and becomes profitable. It often involves making hundreds of trades in a single day.
<b>Day Trading:</b> A strategy involving opening and closing positions within the same trading day, avoiding overnight exposure to market risk.
<b>Swing Trading:</b> A medium-term strategy involving holding positions for several days or weeks to profit from price swings.
<b>Position Trading:</b> A long-term strategy involving holding positions for months or years, focusing on fundamental analysis and long-term trends.
<b>Trend Following:</b> Identifying and trading in the direction of established trends. Combines technical and fundamental analysis.
<b>Breakout Trading:</b> Identifying and trading breakouts above resistance or below support levels. Requires quick execution and risk management.
<b>Range Trading:</b> Identifying and trading within a defined price range, buying at support and selling at resistance.

### Order Types

<b>Market Order</b>	An order to buy or sell a currency pair immediately at the best available price.
<b>Limit Order</b>	An order to buy or sell a currency pair at a specific price or better. Buy limit orders are placed below the current market price, and sell limit orders are placed above.
<b>Stop Order</b>	An order to buy or sell a currency pair when the price reaches a specified level. Buy stop orders are placed above the current market price, and sell stop orders are placed below.
<b>Stop-Loss Order</b>	An order attached to a position to limit potential losses if the price moves against you. Can be a Market or Limit order.
<b>Take-Profit Order</b>	An order attached to a position to automatically close the position when the price reaches a desired profit level.

### Technical Indicators

<b>Moving Averages (MA)</b>	Calculates the average price of a security over a specific period. Used to identify trends and potential support/resistance levels. Common periods: 20, 50, 100, 200.
<b>Relative Strength Index (RSI)</b>	A momentum oscillator that measures the magnitude of recent price changes to evaluate overbought or oversold conditions in the price of a stock or other asset. Values range from 0 to 100. <ul style="list-style-type: none"> <li>Overbought: Above 70</li> <li>Oversold: Below 30</li> </ul>
<b>Moving Average Convergence Divergence (MACD)</b>	A trend-following momentum indicator that shows the relationship between two moving averages of a security's price. Used to identify potential buy/sell signals. <ul style="list-style-type: none"> <li>Signal Line Crossover: Bullish when MACD crosses above the signal line; bearish when it crosses below.</li> </ul>
<b>Fibonacci Retracement</b>	A tool used to identify potential support and resistance levels based on Fibonacci ratios (23.6%, 38.2%, 50%, 61.8%, 78.6%).
<b>Bollinger Bands</b>	Volatility bands placed above and below a moving average. Used to identify potential overbought/oversold conditions and price breakouts. <ul style="list-style-type: none"> <li>Price near upper band: Overbought</li> <li>Price near lower band: Oversold</li> </ul>

# Risk Management

## Risk Management Techniques

<b>Position Sizing</b>	Determining the appropriate size of your trades based on your account balance and risk tolerance. A common rule is to risk no more than 1-2% of your capital per trade.
<b>Stop-Loss Orders</b>	Placing stop-loss orders to limit potential losses on each trade. Critical for protecting your capital.
<b>Take-Profit Orders</b>	Setting take-profit orders to automatically close positions when a desired profit level is reached. Helps to secure profits and avoid emotional decision-making.
<b>Risk-Reward Ratio</b>	Assessing the potential profit relative to the potential loss on each trade. Aim for a risk-reward ratio of at least 1:2 or higher.
<b>Leverage Management</b>	Using leverage carefully and responsibly. Higher leverage can amplify both profits and losses. Beginners should start with low leverage.
<b>Hedging</b>	Opening offsetting positions in correlated currency pairs to reduce overall portfolio risk.
<b>Diversification</b>	Trading multiple currency pairs to spread risk and reduce exposure to any single currency.
<b>Staying Informed</b>	Keeping up-to-date with economic news, political events, and market trends that can impact currency prices. Use a reliable news source.