Sterling opens at 1.5409 and closes at 1.5425. Sell IMM GBP at open.

Rate GBP USD

1.5409
$$-£1,000,000$$
 $\rightarrow +$1,540,900$

1.5425 $+£998,963$ $\leftarrow -$1,542,500$
 $-£1,037$ $-$1,600$

You'd make a loss of - \$ 1,600, or - £ 1,037 converted back to Sterling.

2. Dollar-yen opens at 124.05 and closes at 123.50 You sell IMM USD at the open.

Rate USD JPY

124.05
$$-$1,000,000$$
 $+$124,050,000$

123.50 $+$1,004,453$ $-$123,500,000$
 $+$4,453$ $+$550,000$

You'd make a profit of 7 550,000, converted to \$4,453.

3. USD/CHF opens at 1.5030 and closes at 1.5035.
You sell 1941 CHF at the open.

Rate CHF USD

1.5030
$$-10,000,000$$
 $+6,653,360$

1.5035 $+10,003,327$ $-6,651,147$
 $+3,327$ CHF $+$2,213$

You'd make a profit of \$2,213, or 3,327 CHF corrected.

Shortcut

Base currency gain/loss = % change x base amount (% change = pip change / closing rate).

Terms currency gain/loss = pip change x base amount

e.g. Sterling case, opening rate was 1.5409, closing rate 1.5425, a 16-pip change.

Base gain/loss = $(1.5425 - 1.5409)/1.5425 \times IMM = £1,037$. Terms gain/loss = $(1.5425 - 1.5409) \times IMM = $1,600$.

1. USD/JPY opens @ 124.11 and closes @ 123.80.
You buy IMM dollar's worth of JPY at the open and sold on the close.

Base (USD) gain/loss = $(123.80 - 124.11)/123.80 \times -1MM = +2,497 USD$ Terms (JPY) gain/loss = $(123.80 - 124.11) \times -1MM = +310,000 JPY$.

2. USD/CHF opens@ 1.500 and closes@ 1.5035.
You sell IMM USD at the open and bought it back at the close.

Base = $(1.5035 - 1.500)/1.5035 \times + 1MM$ = -2,328 USD. Terms = $(1.5035 - 1.500) \times + 1MM$ = -3,500 CHF

LeftBid/Right-Offer.

1. You receive 1,000,000 GBP payment, convert to USD @ 1.5457/61.

Trader bys base on LHS, sells on RHS

Base is GBP

You sell GBP, trader buys GBP @ 1.5457.

2. Need to buy AUD to make a large payment @ 0.5535/37

AUD is base

You need to buy AUD, sell USD

Trader sells base on RHS 0.5537.

3. You need to make a SEK payment @ 9.3854/9.3934

USD is base

You need to sell USO and buy SEK.

Trader buye base (USD) on LHS 9.3854

4. Need to convert JPY payment to USD @ 123.19/23.

Need to buy USD, sell JPY.

Trader sells USD (base) on RHS @ 123.23.

5.	Client wonts to:	Current bank quote	Client deals at:	Competition quote:	Client deals at:
Ę	By 5 GBP VS USP	1.5471/73	1,5473	1.5472/75	1.5473
	Sell 10 USD VS JPY	125.06/12	125.06	125 01/05	125.06
	Sch 7 NOK US USD	7.5946/78	7.5978	7.5950/80	7.5978
	Sell I USD VS CAD	1.5626/32	1-5632	1.5620/25	1.5625

9.1260/9.1300

9.1268.

Rules:

· client buys base / > pick lower RHS

Sell 5 EUR VS SEK 9.1268/9.1318 9.1268

· client sells base \Rightarrow pick higherLH3.

CRUSS Rates.

- if two currencies quoted against USD on same terms ⇒
 divide the base currency into the terms currency of the cross currency pair.
- · if on different terms >> multiply rates
- e.g. USDCHF@ 1.5029 } same terms $\Rightarrow \frac{125.22}{1.5029} = 83.3189$ USDJPY@ 125.22 note CHF is base, so divide that rate into JPY
- e.g. USDJPY @ 125.06

 GBPUSD@ 1.5+67

 Filed GBPJPY.
- 1. EUR/SEK given EURUSD @ 0.9772 } diffront terms ⇒ 0.9772 × 9.3622 = 9.1487 USDSEK@ 9.3622
- 2. EURGBP given EURUSD @ 0.9772 } Some terms ⇒ 0.9772 = 0.6318.

 GBPUSD @ 1.5465
- 3. AUDUSD @ 0.5535] Sometons \Rightarrow 0.5535 = 1.1433 NZDUSD@ 0.4841

CROSS RATES BID-OFFER SAME TERMS

Bid-side of cross: buy the base, sell the tems of the cross. Offered-side of cross: sell the base, buy the tems of the cross.

USD JPY 125.06/09 USD CHF 1.5026/31

CAFJPY bid, you buy the CHF and sell JPY.

- Buy CHF, sell USD on RHS @ 1 5031
- Sell JPY, buy USD on LHS @ 125.06.
- Same terms, divide base of cross into terms of cross = 125.06/1.5031 = 83.2013

CHFJPY offer, you sell the base and buy the terms

- Sell CHF, buy USD on LHS @ 1.5026
- Buy JPY, sell USD on RHS @ 125.09
- Same terms, divide base of cross into terms of cross = 125.09/1.3026 = 83.2490

 Quote is 83.2013/2490

CROSS RATES BID-OFFER DIFFERENT TERMS

EURUSD 0.9791 / 0.9796 USDCHF 1.4984 / 1.4991

EURCHF bid, buy the base and sell the terms

- Buy EUR (bose), at bid 0.9791 (LHS)

- Sell CHF (tems), buy USD on LHS @ 1.4984

- Multiply horates = 0.9791 x 1.4984 = 1.4671

EURCHF offer, sell the bose and buy the tems

- Sell EUR, buy USD , at offer 0.9796 (sell base on RHS)
- Buy CHF, sell UND, at offered 1. +991 (sell base on RHS)
- Multiply two rates = 0.9796 × 1.4991 = 1.4685.

Quote is 1.4671/1.4685.