

Sterling has lost around 30 per cent of its value against the U.S. dollar since the financial crisis as the impact of recession, low interest rates and quantitative easing all depreciated the currency.

A weak pound can hit households as the cost of imports are relatively higher and travelling abroad becomes more expensive, however UK exporters will benefit as the value of their products becomes more attractive to overseas buyers
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## What is an exchange rate?

## An exchange rate is the price of one currency expressed in terms of another currency

The exchange rate determines how much of one currency has to be given up in order to buy a specific amount of another currency


## Exchange rate changes

| $\mathbf{£ 1}$ buys | May | September |
| :--- | :---: | :---: |
| US Dollars (\$) | $\$ 1.60$ | $\$ 1.45$ |
| Euros $(€)$ | $€ 1.15$ | $€ 1.05$ |

In the table above, you can see that in May, $£ 1$ would buy $\$ 1.60$, if you wanted o convert some pounds into US dollars. Alternatively, $£ 1$ would buy $€ 1.15$ euro. What happened to the exchange rate for the pound between May and September?

The value of $£ 1$ fell against both the US dollar and the Euro. For example, by
September, $£ 1$ would only buy you $\$ 1.45$, a fall of $\$ 0.15$ from May.
That means that the pound weakened against the dollar (and the euro) utting it another way, the value of the US dollar strengthened against the pound. If you were holding dollars, you would need less of them to convert into £1. -

## Exchange rate winners and losers

Page 122, table 7.5



Giving a European player a net
annual salary of 3 m euros ( $£ 2.6 \mathrm{~m}$ )
would cost an English club 6.8m
euros. But a Spanish club needs
only pay 4 m euros to deliver the
same net salary


## Effects on business - factors

| Low effect on business | High effect on business |
| :--- | :--- |
| No export sales - turnover all in <br> domestic (UK) market | Significant export sales, perhaps in <br> many currencies |
| All business activities located in UK | Overseas operations, earning profits <br> in foreign currency |
| Raw materials and other supplies <br> bought in UK | Significant purchases from overseas <br> suppliers |
| Demand predominantly from <br> domestic (UK) customers | Substantial demand from overseas <br> visitors to UK |
| Demand is price inelastic | Demand is price elastic |
| Higher costs can be passed on to <br> customers to maintain margin | Higher costs usually have to be <br> absorbed via a lower margin |

## Example - exporter, strong pound



## Example - importer, weak pound

| June 209 |  |  |  |
| :---: | :---: | :---: | :---: |
| Selling price in UK per unit | $£ 50.00$ | The importer <br> makes a $50 \%$ <br> gross margin at a <br> rate of $£ 1=$ <br> $€ 1.20$ at a selling <br> price of $£ 50$ per <br> unit | What happens to gross profit and gross margin if the Pound ( $£$ ) falls in value against the Euro ( $£$ ) to parity? |
| Exchange ate f $1=$ | ${ }_{6} 120$ |  |  |
| Imporede cost per nit | E25,00 |  |  |
| Quantity sold per month | 5,000 |  |  |
| Revenue | E250, |  |  |
| Costof Sals | E125, |  |  |
| Gross argin | 50.0\% |  |  |
| October 2009 |  |  | weaker pound makes it more |
| Seling price in Uk per Imported cost per unit |  | ¢50.00 $\epsilon 30.00$ | expensive to buy imports in Euros |
| Exchange rate $\mathrm{f} 1=$ |  | ¢1.00 | The bought-in cost per unit rises |
| Imported cost per unit Quantity sold per month |  | $\text { f30.00 } 5,00$ | $\mathrm{m} £ 25$ to $£ 30$ |
|  |  |  | - The gross profit per unit falls from |
| Costof fales |  | £150,000 | £30 each to £25 |
| Gross Profit |  | £100,000 | - Gross margin falls from $50 \%$ to $40 \%$ |

## How can businesses manage <br> exchange rate uncertainty?

- Monitor and try to anticipate exchange rate movements
- Used sensitivity analysis to calculate profitability at different exchange rates
- Pre-buy and pre-sell currency at favourable exchange rates (hedging / currency options)
- Set up bank accounts in different currencies to reduce currency transactions and offset the effects of currency movements

