 Break-Even Definition: Break-even occurs when an enterprise has made enough money through product sales to cover th cost of making or producing them. There is no profit and no loss Where revenue and expenditure meet 	 Using the break-even analysis Too plan How to analyse break-even when figures change Enterprises costs may increase – this will increase the BEP An enterprise may raise its prices – BEP will fall Types of change of figures and their effect on break-even Margin of safety The difference between the level of output and the break-even point It is the amount by which sales would have to fall before the break-even point is reached Formula Actual or forecast level of sales – break-even level of sales	 The risk of not completing break-even analysis Costs are not known or are too high The selling price is too high or too low The owner has no idea how many items need to be sold to make a profit The enterprise makes a loss over a long period of time without any action being taken The margin of safety is unknown Stock costs too much, is sold at the wrong price and the enterprise fails
 Price per unit Variable cost per unit Total fixed cost 		
BEP = Fixed Cost (selling price per unit - Variable cost per unit)		 It assumes all output is sold No stock is held Assumes all wages and rent stay the same not always true – overtime Prices of stick can change at different levels of output (bulk buying), the lines wont always be straight. Simple when an enterprise sells one product, when enterprises sell more than one product with different costs it gets complicated. Depends on the accuracy of information used If the calculations for costs and revenue are inaccurate the conclusions drawn from the break-even analysis will be flawed
 The Importance of break-even Tells the owners of the enterprise exactly how many products they must produce and sell before they can start to make a profit Allows the owner to answer "what if" questions Can we sell an extra 200 units? What if the rent went up? 	 Benefits of break- even Both the fixed and variable costs can be identified Projected sales revenue is calculated The owner knows how many items must be sold to make a profit The owner can make adjustments to try to make a profit sooner – for example reduce costs by obtaining cheaper materials or increase selling price The margin of safety is known The best goods are stocked and sold in order to maximise profit 	

