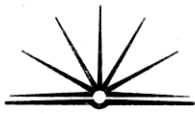
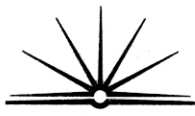


Question 15 - Properties and performance of textiles.

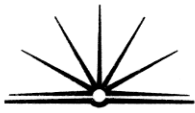
a) The world of technical advances are continually growing. Before the industrial Revolution the spinning wheel was invented then while the revolution the spinning jenny was adapted and now after the Industrial Revolution we ~~are~~ as humans have advanced into computers and the modern world and now designers are using CAD (Computer Aided Design) and CAM (Computer Aided Manufacturing). ~~By using~~ By using CAD and CAM designers are being able to design quicker adding and subtracting as the design process of a textile item is being made. There is less waste of the material as the computer is able to work out the best way to lay the pattern out and also



the designer is able to ~~produce~~^{duplicate} more articles of clothing. It is more financial as the need for cutters and pattern markers are minimised. It is faster to produce the final product with items being identical.



b) The impact of CAD and CAM is unbelievable. ~~The~~ The design process is quicker being able to add and subtract with a click of a button. When a design has become final the result can be stored on a disc and retrieved easily and quickly. The use of the technological advances have help out the designers financially but also made their productivity increase as they can make an item quicker, with less waste and have identical items as a result. The computer advances has become a major influence on the lifes of designers. It is a major part of the understry. With the use of the internet designers are now able to make a web page and display their range as well as looking at the competition and seeing other designers lines.



Peter Alexander is a prime example of this. The Melbourne based designer had an order of 400 pjs. The order was cancelled and he was left with a full storage shed of pjs. He put pictures of his new range of funky pjs on line and he sold his whole stock within weeks. ~~This is~~ Now he sells his products all around the country and he only got this recognition through the internet. This shows that the fashion industry is changing and becoming more globalised. Designers are cutting down on humans doing the design and practical work and replacing them with computers and computer programs. The computers ~~and~~ may advantage the designers and cut down on human error but with the innovation of constant demand for bigger and better it is putting people out of jobs and that's not just in Australia, that's all



around the world.