



# Systems and Processes:

# Systems and processes in industry

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All manufacturing activities, whether it is a pair of jeans or a fitted jacket, are carried out in a specific/logical order.

If manufacturers do not follow a logical order the manufacturing process will become problematic.

Control systems are put in place to ensure that manufacturers follow a organised sequence of production processes.

This system is normally in the form of a flow chart. Specific symbols are used for each stage of the process ensure a high quality end product.

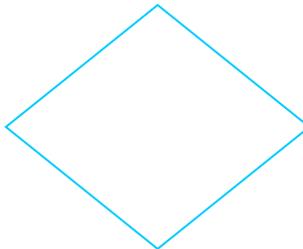
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These are some of the symbols often found within a Production flowchart:



## TERMINATOR:

Represents the start of the process, the restart of the process and the stop of the process



## DECISION:

This symbol represents a choice that may lead to some other pathway



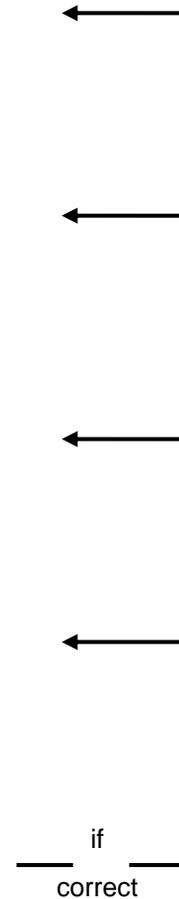
## PROCESS:

This symbol represents an instruction- a job to be carried out



## INPUT/OUTPUT:

This symbol represents the removal of a job or the addition of a job/process within the manufacturing process



## FEEDBACK LOOP:

This is an arrow used to correct a problem that might occur. It should appear at several stages within the manufacturing process. This will ensure the manufacturers produce a high quality product with no quality control faults. If a fault appears the garment will be returned to appropriate stage so that the issue can be addressed and the fault rectified.

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## Task:

Manufacture  
an  
embroidered  
Logo on a  
piece of  
cotton  
fabric

