Decision Tables

Specification

CUSTOMER

 If the customer is a new customer, offer 20% discount on next order

 If the customer is a repeat customer, offer free shipping

RISK LEVEL OF GOODS

 If the risk level of goods is high, then

  If the customer is a new customer, check their credit record

  If the customer is a repeat customer, then:

   If the past orders total > £500, fine

   Otherwise check their credit record

Customer type	New customer				Repeat customer			
Risk level of goods	High risk		Low risk		High risk		Low risk	
Past orders total	>500	<500	>500	<500	>500	<500	>500	<500
20% discount next order								
Free shipping								
Check credit history								

New customer	T	T	T	T	F	F	F	F
High risk level of goods	T	T	F	F	T	T	F	F
Past orders total > 500	-	-	-	-	T	F	-	-
20% discount next order								
Free shipping								
Check credit history								

Decision Table for the Triangle example

a,b,c form a triangle											
a = b											
a = c											
b = c											
Not a triangle											
Scalene											
Isosceles											
Equilateral											
Impossible											