

Input Variables

WHEN THE DEMAND IS GREATER THAN THE ORDER QUANTITY

Order Quantity	1450
Demand	1500
Fixed Cost(N)	₦ 75,000.00
Variable Cost per Jersey	₦ 800.00
Full Price(N)	₦ 1,800.00
Discounted Price(N)	₦ 600.00

Total cost	₦ 1,235,000.00
Full Price Revenue	₦ 2,610,000.00
Discounted Revenue	₦ 0.00
Total Revenue	₦ 2,610,000.00
Profit	₦ 1,375,000.00
Lost sales	₦ 90,000.00

WHEN THE DEMAND IS LESS THAN THE ORDER QUANTITY

Order Quantity	1450
Demand	1000
Fixed Cost(N)	₦ 75,000.00
Variable Cost per Jersey	₦ 800.00
Full Price(N)	₦ 1,800.00
Discounted Price(N)	₦ 600.00

Total cost	₦ 1,235,000.00
Full Price Revenue	₦ 1,800,000.00
Discounted Revenue	₦ 270,000.00
Total Revenue	₦ 2,070,000.00
Profit	₦ 835,000.00
Overstock loss	₦ 90,000.00
LOST SALE	₦ 0.00

WHEN THE DEMAND = ORDER QUANTITY

Order Quantity	1500
Demand	1500
Fixed Cost(N)	₹ 75,000.00
Variable Cost per Jersey	₹ 800.00
Full Price(N)	₹ 1,800.00
Discounted Price(N)	₹ 600.00

Total cost	₹ 1,275,000.00
Full Price Revenue	₹ 2,700,000.00
Discounted Revenue	₹ 0.00
Total Revenue	₹ 2,700,000.00
Profit	₹ 1,425,000.00

DEN



Revenue Type	Value
Full Price	₺ 2,610,000.00
Discounted	₺ 0.00
DEMAND= ORDER QUANTITY	
Full Price	₺ 2,700,000.00
Discounted	₺ 0.00
DEMAND < ORDER QUANTITY	
Full Price	₺ 1,800,000.00
Discounted	₺ 270,000.00

DEMAND < ORDER QUANTITY

