

IF STATEMENT LAB

1. Use the IF function to evaluate whether each product met its sales target.

Step 1= Create a new Column For Sales Target Met Or Not.

Step 2= In the first row of the new column using the following formula. **=IF(D21>=E21,"Met","Not Met")**

Where D21 is the cell number of sales data and E21 is the cell number of target data.

Product ID	Product	Sales	Target	Region
101	Product A	120	150	North
102	Product B	150	140	South
103	Product C	200	200	East
104	Product D	90	100	West
105	Product E	220	210	North
106	Product F	130	160	South

2. Use the IF function to determine if a product is eligible for a religious bonus. Products in the "NORTH" region with sales over 200 are eligible.

Step 1= Create a new Column For Religious Bonus.

Step 2= In the first row of the new column using the following formula. **=IF(AND(E35="North",C35>200),"Eligible","Not Eligible")**

Where E35 is the cell number of religion data and C35 is the cell number of Sales Coloumn.

Product ID	Product	Sales	Target	Region	Sales Target Met Or Not
101	Product A	120	150	North	Not Met
102	Product B	150	140	South	Met
103	Product C	200	200	East	Met
104	Product D	90	100	West	Not Met
105	Product E	220	210	North	Met
106	Product F	130	160	South	Not Met

3. Use the IF function to assign a commision rate based on sales. Sales >=200 get a 10%commision ,Sales >=150 get a 7% commision ,and other 5 %commision.

Step 1= Create a new Column For Commision Rate.

Step 2= In the first row of the new column using the following formula.

=IF(E54>=200,0.1,IF(E54>=150,0.07,0.05))

Where E54 is the cell number of sales data .

Product ID	Product	Sales	Target	Region
101	Product A	120	150	North
102	Product B	150	140	South
103	Product C	200	200	East
104	Product D	90	100	West
105	Product E	220	210	North
106	Product F	130	160	South

4. Use the IF function to calculate a bonus amount. If Sales met or exceeded the target 10% of the sales , otherwise , its 5%.

Step 1= Create a new Column For Bonus Amount.

Step 2= In the first row of the new column using the following formula.

=IF(E76>=F76,E76*0.1,F76*0.05)

Where E76 is the cell number of sales data and F76 is the cell number of target data .

Product ID	Product	Sales	Target	Region
101	Product A	120	150	North
102	Product B	150	140	South
103	Product C	200	200	East
104	Product D	90	100	West
105	Product E	220	210	North
106	Product F	130	160	South

5. Use the IF function to categorize sales performance as 'Excellent' (>=200), 'Good' (<200 & >=150), 'Needs Improvement' (<150).

Step 1= Create a new Column For Sales Performance.

Step 2= In the first row of the new column using the following formula.

=IF(E95>=200,"Excellent",IF(E95>=150,"Good","Needs Improvement"))

Where E95 is the cell number of sales data .

Product ID	Product	Sales	Target	Region
101	Product A	120	150	North
102	Product B	150	140	South
103	Product C	200	200	East
104	Product D	90	100	West
105	Product E	220	210	North
106	Product F	130	160	South

Sales Target Met Or Not
Not Met
Met
Met
Not Met
Met
Not Met

Regional Bonus
Not Eligible
Not Eligible
Not Eligible
Not Eligible
Eligible
Not Eligible

Commison Rate
0.05
0.07
0.1
0.05
0.1
0.05

t,the bonus is

Bonus Amount
7.5
15
20
5
22
8

(>=150), or

Sales Performance
Needs Improvement
Good
Excellent
Needs Improvement
Excellent
Needs Improvement