**CLASS WORK**

**To Generate Bonus Eligibility:**

1. In the Eligible for Bonus column, you will determine whether an employee qualifies for a performance bonus based on these criteria:

* The employee must have completed their training.
* The employee must either have more than 5 years of experience or have made more than 100 sales.
* The employee must have a customer feedback score of 80 or higher.

1. Use an appropriate logical formula to evaluate these conditions and return "Eligible" if all conditions are met, or "Not Eligible" if they are not.
2. Ensure that your formula handles situations where data may be incomplete or missing.
3. Apply the formula to each row in the spreadsheet for every employee.

**Solution:** =IFERROR(IF(AND(G4="Yes", OR(D4>5, E4>100), F4>=80), "Eligible", "Not Eligible"), "Check Data")

**To obtain the total sales bonus:**

Employees earn a bonus of N10 for each sale above 100.

1. For each employee, determine how many sales they made beyond 100, and calculate the bonus accordingly.
2. If the employee made 100 or fewer sales, the bonus will be $0.

Use an appropriate formula to calculate the total sales bonus for each employee, and apply it to the entire column. Also, ensure that your formula handles situations where data may be incomplete or missing.

**Solution:** =IFERROR(IF(E4>100, (E4-100)\*10, 0), "Check Data")

**To obtain the customer satisfaction bonus:**

Employees earn a bonus of N5 for each point of their Customer Feedback Score that is above 80.

1. For each employee, determine how many points their feedback score exceeds 80, and calculate the bonus accordingly.
2. If the feedback score is 80 or lower, the bonus will be $0.

Use an appropriate formula to calculate the customer satisfaction bonus for each employee, and apply it to the entire column. Also, ensure that your formula handles situations where data may be incomplete or missing.

**Solution:** =IFERROR(IF(F4>80, (F4-80)\*5, 0), "Check Data")