| **Product** | **Jan** | **Feb** | **Mar** | **Apr** | **May** |
| --- | --- | --- | --- | --- | --- |
| Product A | 120 | 130 | 140 | 150 | 160 |
| Product B | 150 | 160 | 170 | 180 | 190 |
| Product C | 200 | 210 | 220 | 230 | 240 |
| Product D | 90 | 100 | 110 | 120 | 130 |
| Product E | 220 | 230 | 240 | 250 | 260 |
| Product F | 130 | 140 | 150 | 160 | 170 |

Q1: Use HLOOKUP to find the sales for Product A in March.

Step 1:- HLOOKUP Function Setup

Formula: =HLOOKUP("Product A", A1:F6, 4, FALSE)

Step 2:- Breakdown of the Formula:

* Product A: The lookup value you're searching for.
* A1

: The range of your sales data.

* 4: The row number from which you want to retrieve the value (March is in the 4th row).
* FALSE: Indicates that you want an exact match.

| **Month** | **Sales** |
| --- | --- |
| Mar | 140 |

Q2: Use HLOOKUP to find the sales for Product D in May.

Step 1:- HLOOKUP Function Setup

Assuming your data is organized in the range A1

Formula =HLOOKUP("Product D", A1:F6, 6, FALSE)

Step 2:- Breakdown of the Formula

* **Product D**: The lookup value you’re searching for.
* **A1**

: The range containing your sales data.

* **6**: The row number from which you want to retrieve the value (since May sales are in the 6th row).

**FALSE**: Indicates that you want an exact match

| **Month** | **Sales** |
| --- | --- |
| May | 130 |

Q3: Use HLOOKUP to find the sales for Product C in February.

### Step 1:- HLOOKUP Function Setup

Assuming your data is organized in the range **A**

Formula =HLOOKUP("Product C", A1:F6, 3, FALSE)

Step 2:- Breakdown of the Formula:

* **"Product C"**: The lookup value you’re searching for.
* **A1**

: The range containing your sales data.

* **3**: The row number from which you want to retrieve the value (since February sales are in the 3rd row).
* **FALSE**: Indicates that you want an exact match.

| **Month** | **Sales** |
| --- | --- |
| February | 210 |

1. Q4: Use HLOOKUP to find the sales for each month for a product, then calculate the total sales for that product.

Answer:

Step1:- Find Sales for Each Month Using HLOOKUP

Step2:-HLOOKUP Formulas

Assuming your data is in the range **A1**

* **January:** Formula =HLOOKUP("Product A", A1:F6, 2, FALSE) // Result: 120
* **February:** Formula =HLOOKUP("Product A", A1:F6, 3, FALSE) // Result: 130
* **March:** =HLOOKUP("Product A", A1:F6, 4, FALSE) // Result: 140
* **April:** =HLOOKUP("Product A", A1:F6, 5, FALSE) // Result: 150
* **May:** =HLOOKUP("Product A", A1:F6, 6, FALSE) // Result: 160

| **Month** | **Sales** |
| --- | --- |
| January | 120 |
| February | 130 |
| March | 140 |
| April | 150 |
| May | 160 |
| **Total Sales** | **700** |

Q5: Use HLOOKUP to find the maximum sales value for Product B across all months.

Answer:

Step1:- Find Sales for Each Month Using HLOOKUP.

Step2:- HLOOKUP Formulas

Assuming your data is in the range **A1**

for each month for **Product B** Formula.

* **January:**=HLOOKUP("Product B", A1:F6, 2, FALSE) // Result: 150
* **February:**=HLOOKUP("Product B", A1:F6, 3, FALSE) // Result: 160
* **March:**=HLOOKUP("Product B", A1:F6, 4, FALSE) // Result: 170
* **April:**=HLOOKUP("Product B", A1:F6, 5, FALSE) // Result: 180
* **May:**=HLOOKUP("Product B", A1:F6, 6, FALSE) // Result: 190

**Maximum Sales Formula:** =MAX(150, 160, 170, 180, 190)

Q6: Use HLOOKUP to find the minimum sales value for Product F across all months.

Answer:

Step1:-Find Sales for Each Month Using HLOOKUP:

* + Use **HLOOKUP** to retrieve the sales values for **Product F** for each month.

**Step2:-HLOOKUP Formulas**

Assuming your data is in the range **A1**

, here are the formulas for each month for **Product F**:

* **January =**HLOOKUP("Product F", A1:F6, 2, FALSE) // Result: 130
* **February:** =HLOOKUP("Product F", A1:F6, 3, FALSE) // Result: 140
* **March:** =HLOOKUP("Product F", A1:F6, 4, FALSE) // Result: 150
* **April:**=HLOOKUP("Product F", A1:F6, 5, FALSE) // Result: 160
* **May:**=HLOOKUP("Product F", A1:F6, 6, FALSE) // Result: 170

### Product F's Sales

| **Month** | **Sales** |
| --- | --- |
| January | 130 |
| February | 140 |
| March | 150 |
| April | 160 |
| May | 170 |

**Minimum Sales Formula:** =MIN(130, 140, 150, 160, 170)

| **Month** | **Sales** |
| --- | --- |
| January | 130 |
| February | 140 |
| March | 150 |
| April | 160 |
| May | 170 |
| **Minimum Sales** | **130** |

Q7: Use HLOOKUP to find the average sales value for Product E across all months.

Answer:

**Step1:- Find Sales for Each Month Using HLOOKUP.**

Step2:-HLOOKUP Formulas

Assuming your data is in the range **A1**

here are the formulas for each month for **Product E**:

* **January:**=HLOOKUP("Product E", A1:F6, 2, FALSE) // Result: 220
* **February:**=HLOOKUP("Product E", A1:F6, 3, FALSE) // Result: 230
* **March:**=HLOOKUP("Product E", A1:F6, 4, FALSE) // Result: 240
* **April:**=HLOOKUP("Product E", A1:F6, 5, FALSE) // Result: 250
* **May:**=HLOOKUP("Product E", A1:F6, 6, FALSE) // Result: 260

| **Month** | **Sales** |
| --- | --- |
| January | 220 |
| February | 230 |
| March | 240 |
| April | 250 |
| May | 260 |

### Product E's Sales

### Step3:-Calculating the Average Sales Value

calculate the average sales value for **Product E**, you can use the **AVERAGE** function:

**Average Sales Formula:** =AVERAGE(220, 230, 240, 250, 260)

| **Month** | **Sales** |
| --- | --- |
| January | 220 |
| February | 230 |
| March | 240 |
| April | 250 |
| May | 260 |
| **Average Sales** | **240** |