

ProductID	Product	Category	Jan Sales	Feb Sales	March Sales	Apr Sales	May Sales	
101	ProdA	Electronics	120	130	140	150	160	
102	ProdB	Furniture	150	160	170	180	190	
103	ProdC	Electronics	200	210	220	230	240	
104	ProdD	Clothing	90	100	110	120	130	
105	ProdE	Furniture	220	230	240	250	260	
106	ProdF	Electronics	130	140	150	160	170	
1. Use INDEX and MATCH to find the sales for Product C in March.								
	INDEX(F2:F7, MATCH("ProdC", B2:B7, 0))							
Formula	220							
2. Use INDEX and MATCH to find the category for Product E.								
	INDEX(C2:C7, MATCH("ProdE", B2:B7, 0))							
Formula	Furniture							
3. Use INDEX and MATCH to find the maximum sales for Product B across all months.								
	MAX(INDEX(D2:H7, MATCH("ProdB", B2:B7, 0), 0))							
Formula	190							
4. Use INDEX and MATCH to find the month with the maximum sales for Product A.								
	INDEX(D1:H1, MATCH(MAX(INDEX(D2:H7, MATCH("ProdA", B2:B7, 0), 0)), INDEX(D2:H7, MATCH("ProdA", B2:B7, 0), 0), 0))							

Formula	May Sales							
5. Use INDEX, MATCH, and SUMIF to sum the sales for all products in the "Electronics" category for April.								
	SUMIF(C2:C7, "Electronics", G2:G7)							
Formula	540							
6. Use INDEX and MATCH to calculate the average sales for Product D across all months.								
	AVERAGE(INDEX(D2:H7, MATCH("ProdD", B2:B7, 0), 0))							
Formula	110							
7. Use INDEX and MATCH to find the sales for Product ID 105 in May.								
	INDEX(H2:H7, MATCH(105, A2:A7, 0))							
Formula	260							
8. Use INDEX and MATCH to create a dynamic lookup where the user can input a product and a month, and the formula returns the corresponding sales.								
	INDEX(D2:H7, MATCH(I1, B2:B7, 0), MATCH(I2, D1:H1, 0))							
Formula	#N/A							