

Figure 26.1 The overall process of data warehousing.

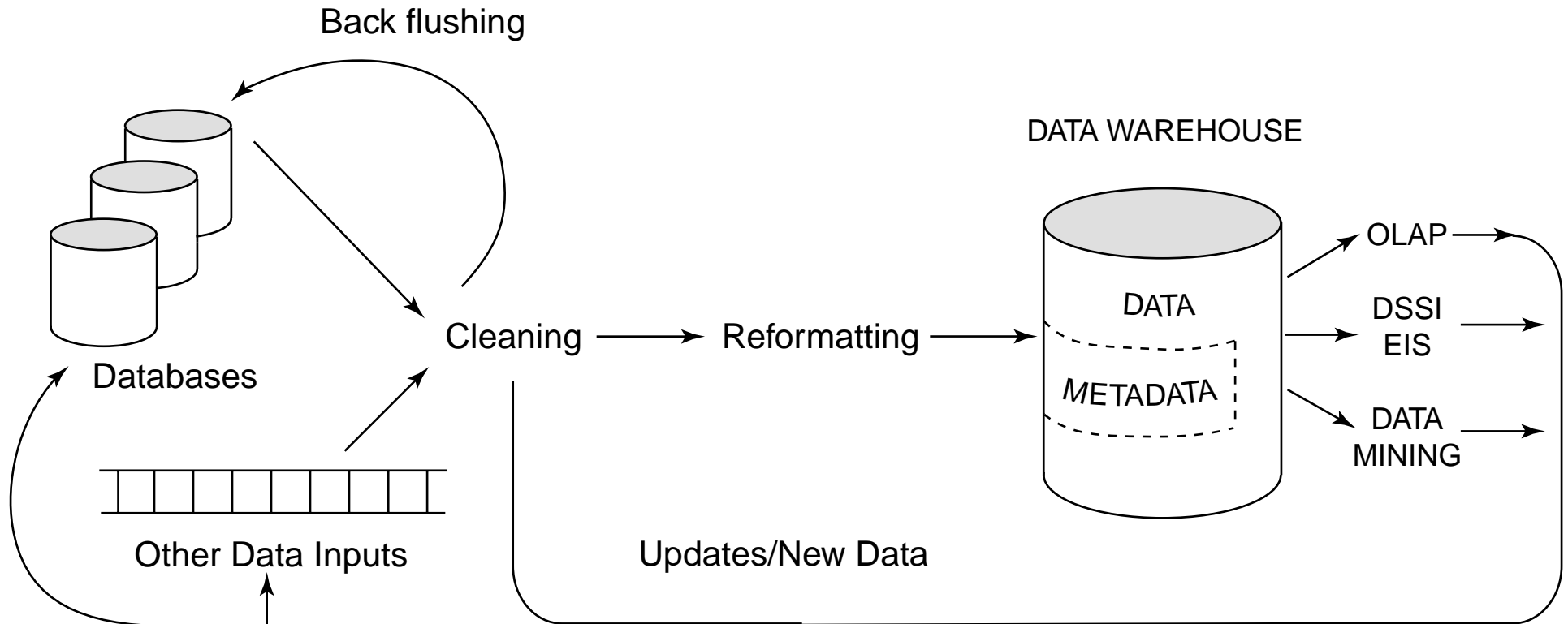


Figure 26.2 Two-dimensional matrix.

		REGION			
		REG1	REG2	REG3
PRODUCT	P123				
	P124				
	P125				
	P126				
	⋮				

Figure 26.3 A data cube.

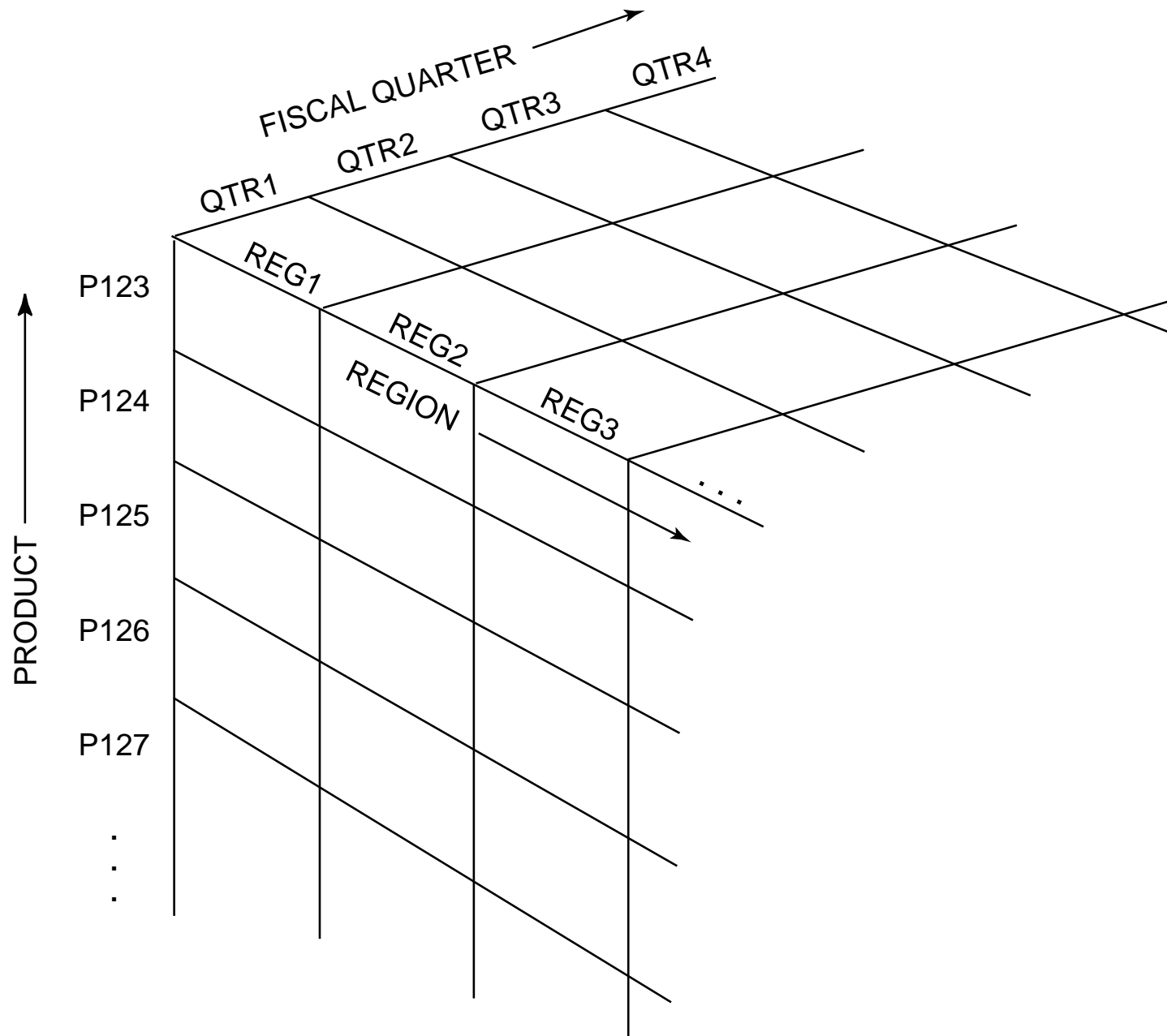


Figure 26.4 Pivoted version of the data cube.

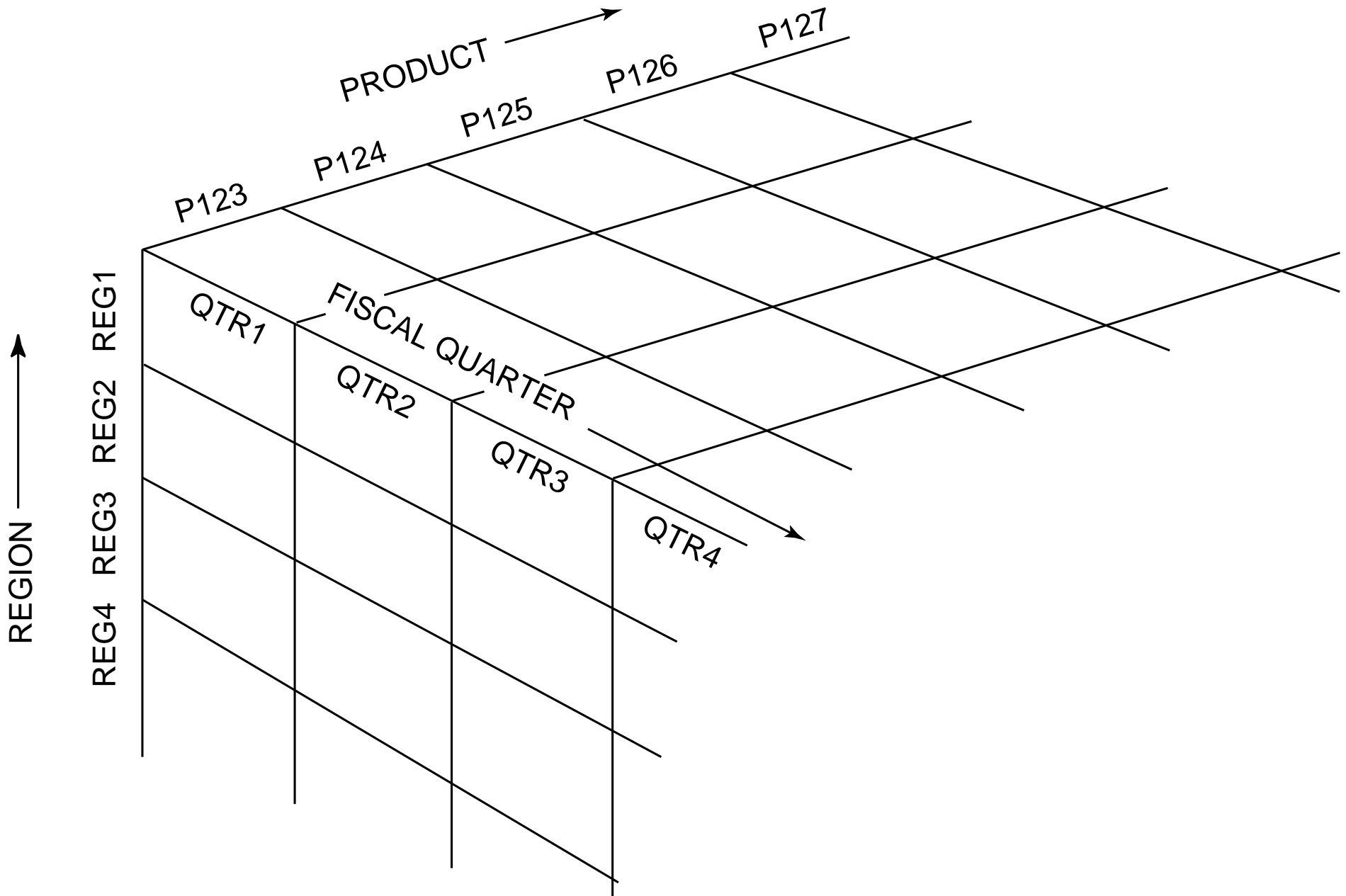


Figure 26.5 The roll-up operation.

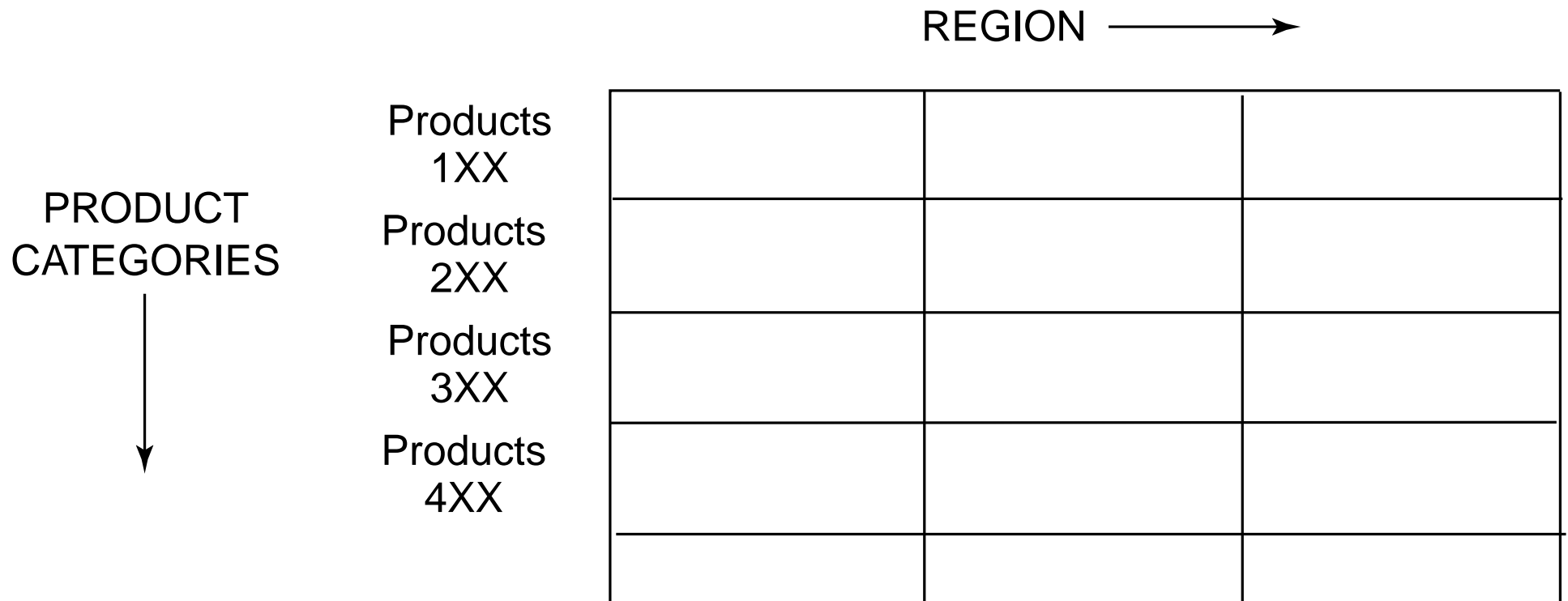


Figure 26.6 The drill-down operation.

		REGION 1				REGION 2
		SUBREG1	SUBREG2	SUBREG3	SUBREG4	SUBREG1
P123 STYLES	A					
	B					
	C					
	D					
P124 STYLES	A					
	B					
	C					
P125 STYLES	A					
	B					
	C					
	D					

Figure 26.7 A star schema with fact and dimensional tables.

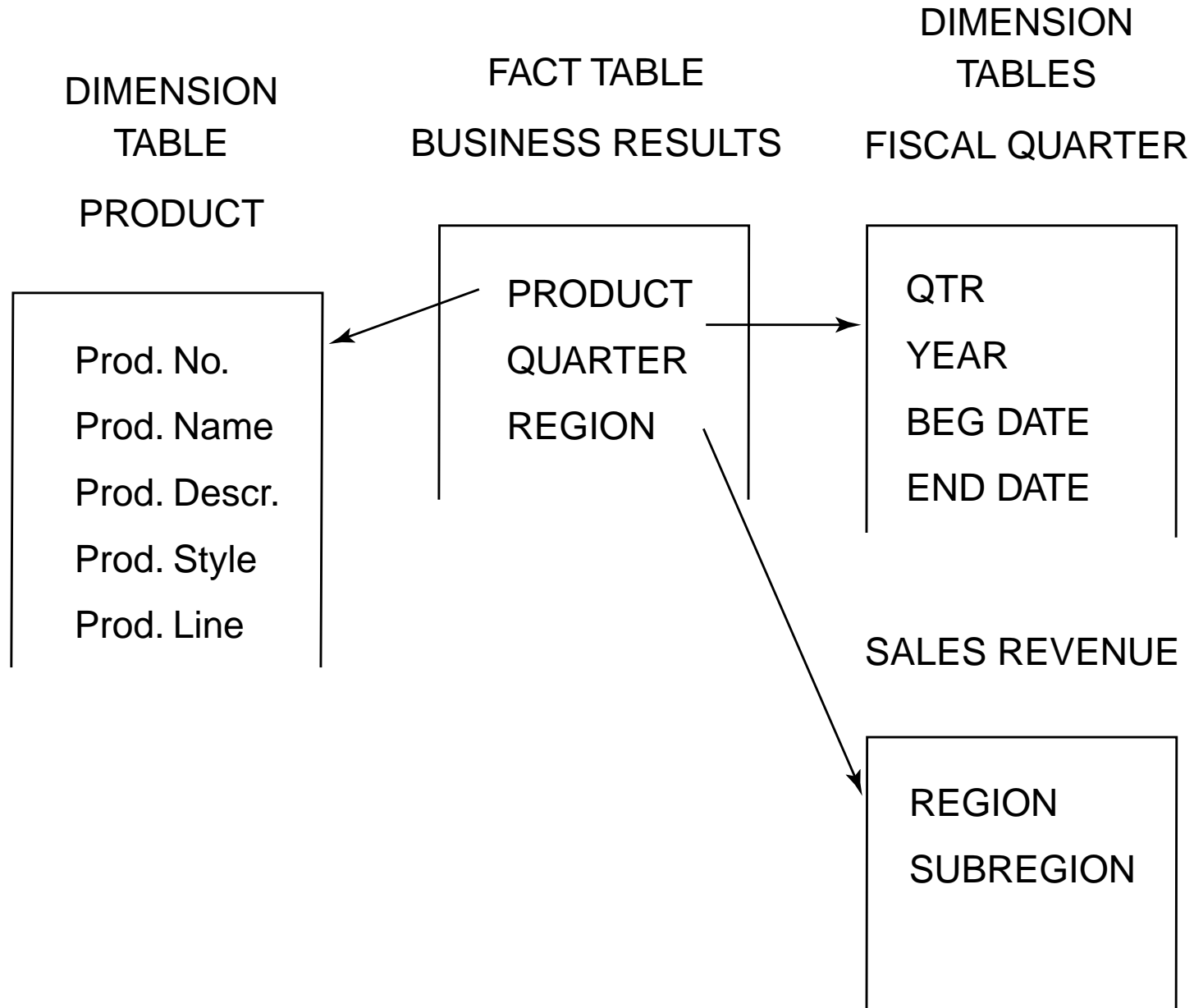


Figure 26.8 A snowflake schema.

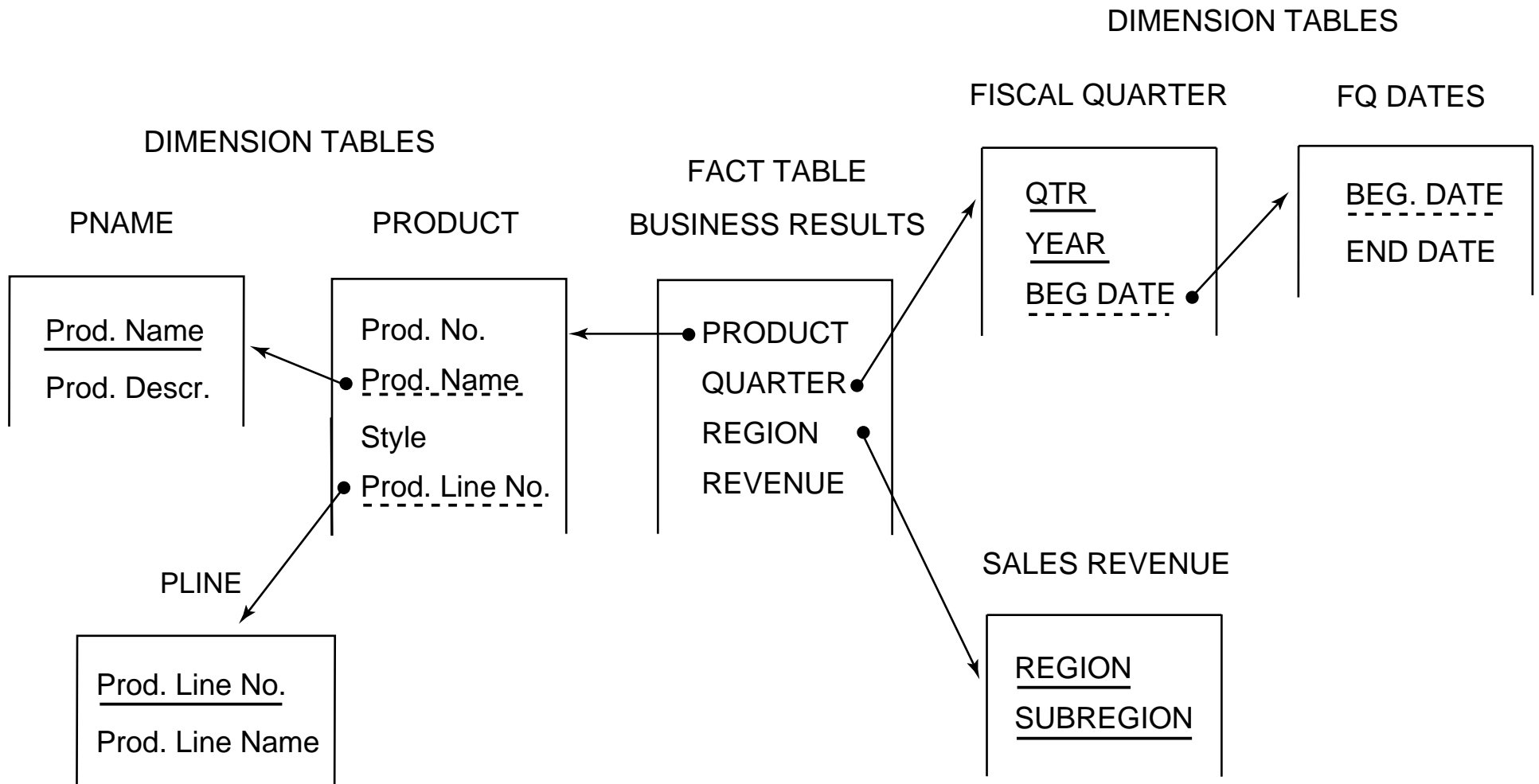


Figure 26.9 A fact constellation.

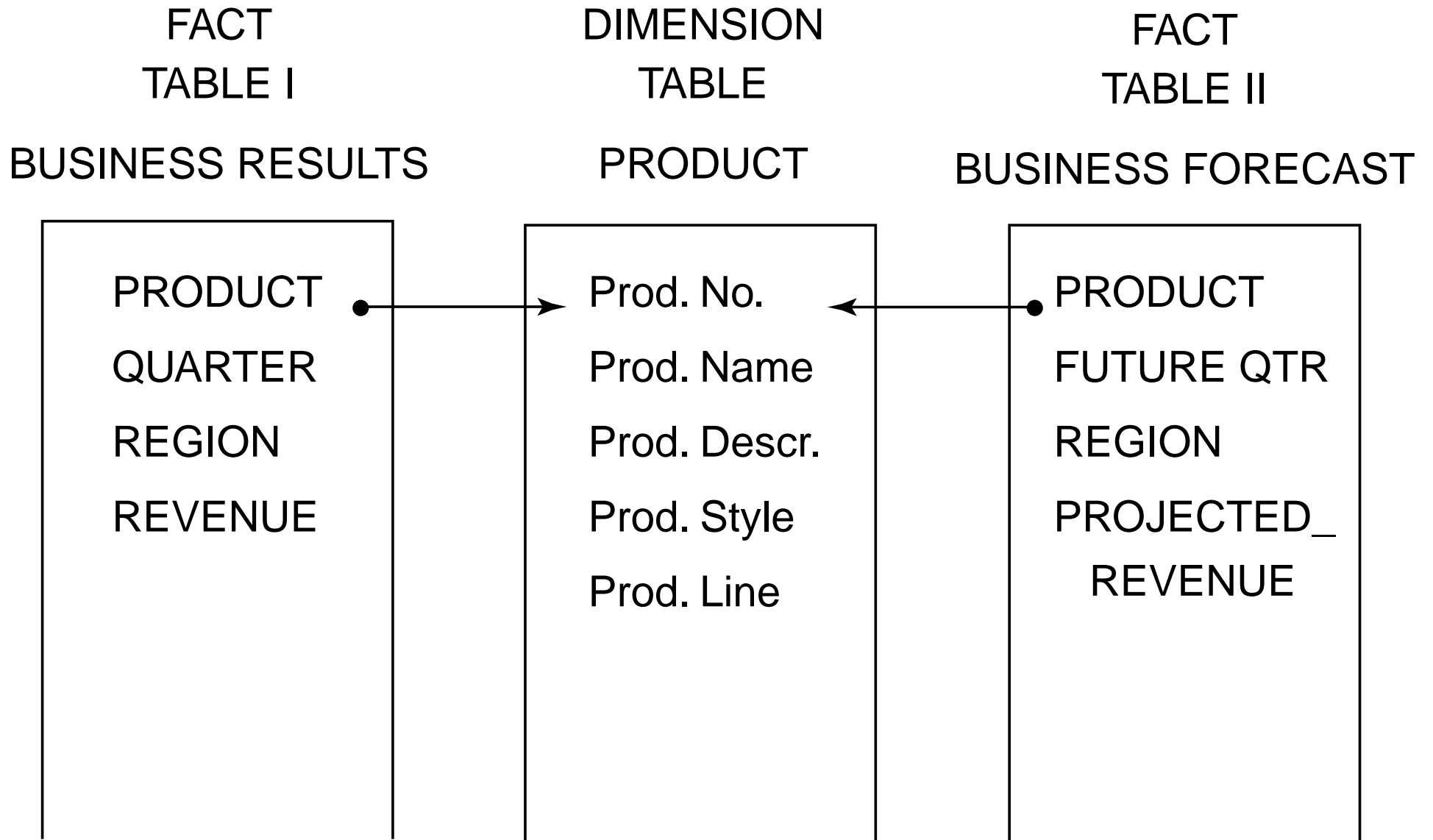


Figure 26.10 A taxonomy of items in the supermarket.

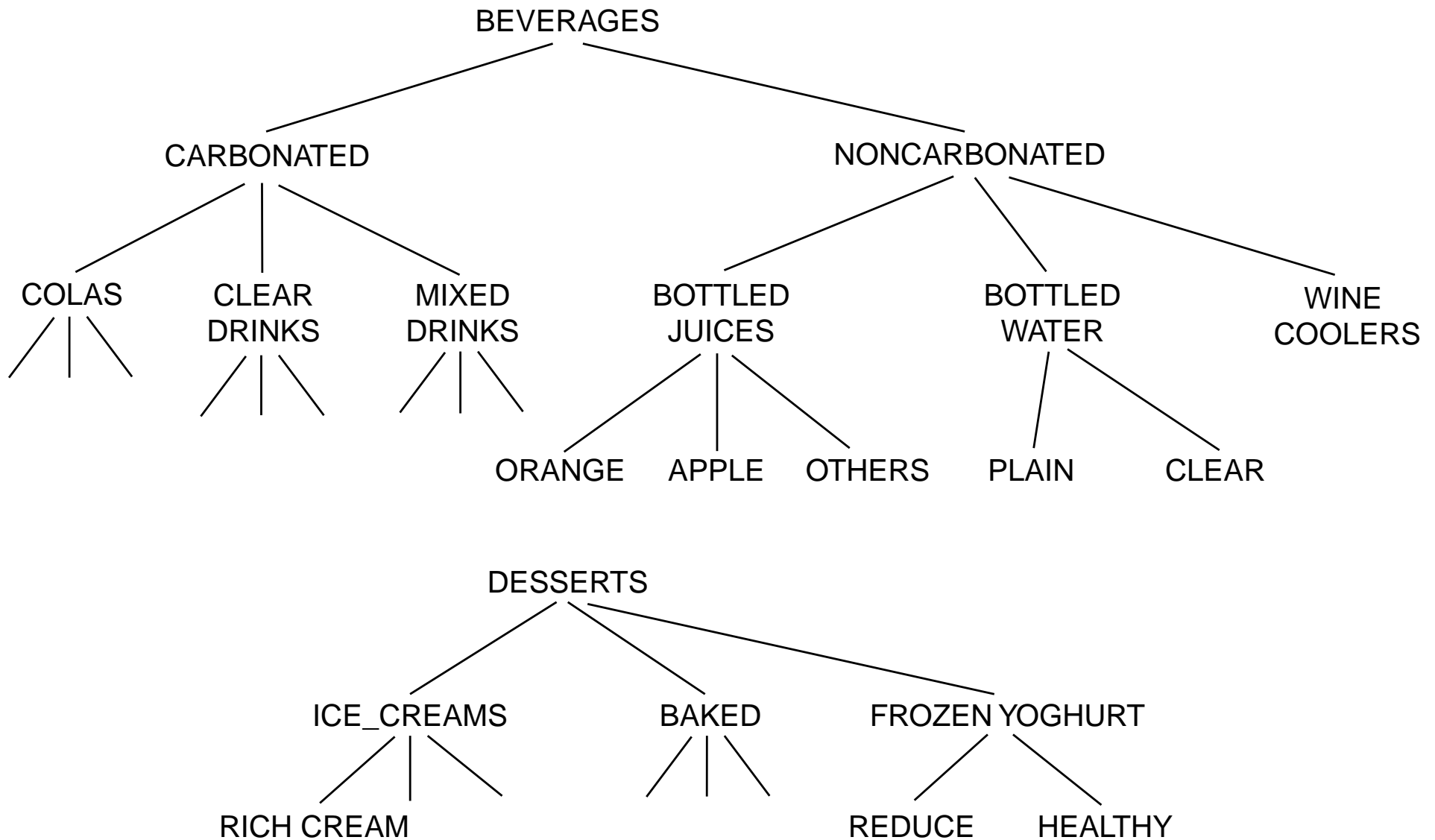


Figure 26.11 Simple hierarchies of soft drinks and chips

