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The language of graphics

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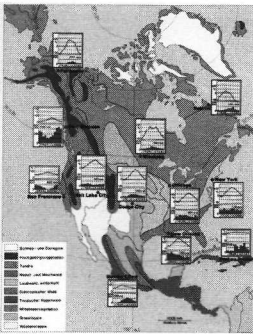
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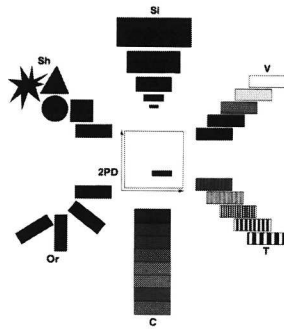
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Figure Index

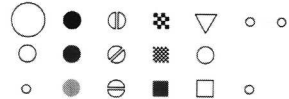
This figure index does not include tables and decomposition trees. Figures in parentheses () are figures that serve to illustrate a specific point, and therefore have a caption that differs from the complete standardized analysis given for the other figures.



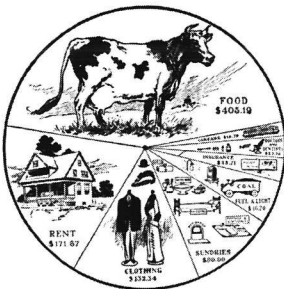
2-03, p. 18



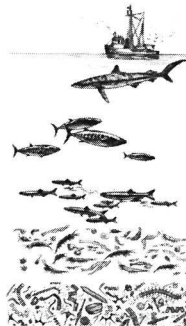
(2-04, p. 26)



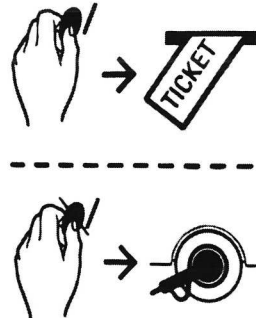
(2-05, p. 27)



2-06, p. 29

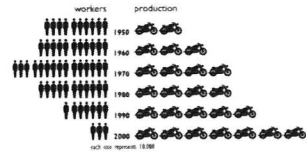


2-08, p. 33



2-09, p. 35

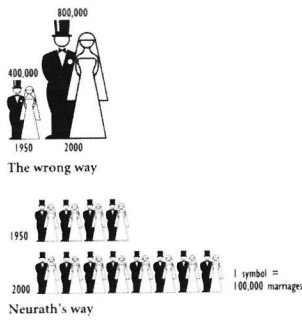
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New York, N.Y.	10,500,000	12,000,000	13,000,000	14,000,000	15,000,000	16,000,000	17,000,000	18,000,000	19,000,000	20,000,000	21,000,000	22,000,000	23,000,000	24,000,000	25,000,000
Chicago, Ill.	3,500,000	4,000,000	4,500,000	5,000,000	5,500,000	6,000,000	6,500,000	7,000,000	7,500,000	8,000,000	8,500,000	9,000,000	9,500,000	10,000,000	10,500,000
Los Angeles, Calif.	2,500,000	3,000,000	3,500,000	4,000,000	4,500,000	5,000,000	5,500,000	6,000,000	6,500,000	7,000,000	7,500,000	8,000,000	8,500,000	9,000,000	9,500,000
Houston, Texas	1,500,000	2,000,000	2,500,000	3,000,000	3,500,000	4,000,000	4,500,000	5,000,000	5,500,000	6,000,000	6,500,000	7,000,000	7,500,000	8,000,000	8,500,000
Phoenix, Ariz.	500,000	700,000	900,000	1,100,000	1,300,000	1,500,000	1,700,000	1,900,000	2,100,000	2,300,000	2,500,000	2,700,000	2,900,000	3,100,000	3,300,000



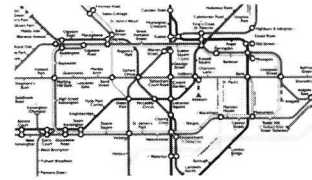
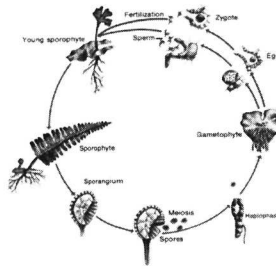
2-10, p. 36

2-11, p. 37

2-12, p. 38

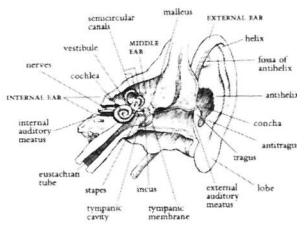


2-13, p. 39



2-14, p. 41

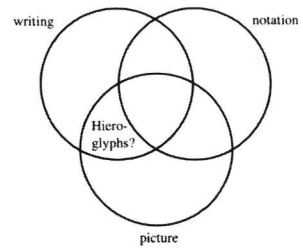
2-15, p. 42



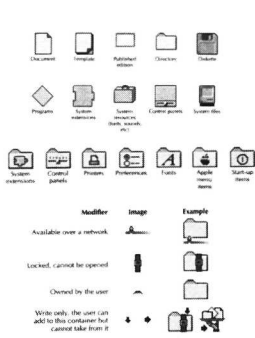
2-16, p. 43



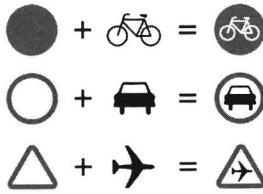
2-17, p. 44



2-18, p. 45



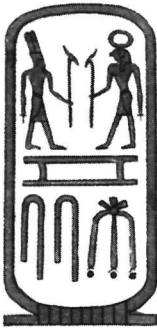
(2-19, p. 46)



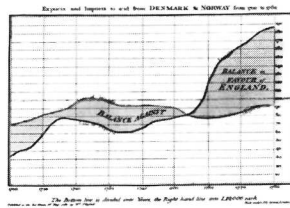
(2-20, p. 47)



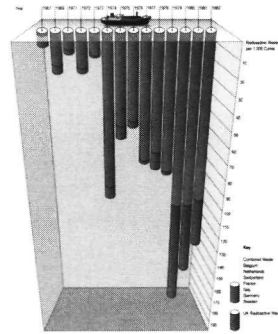
(2-21, p. 48)



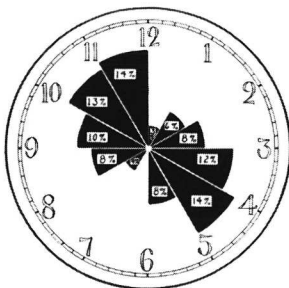
2-22, p. 49



2-25, p. 58



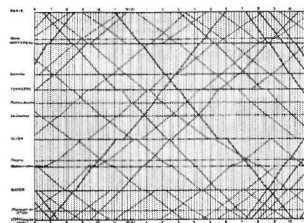
2-26, p. 59



2-27, p. 61



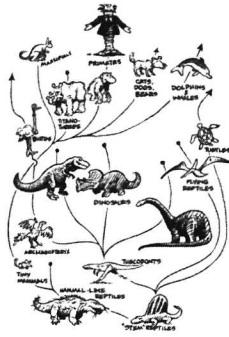
2-28, p. 62



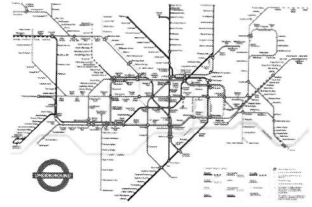
2-29, p. 63



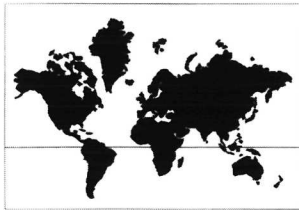
2-30, p. 64



2-31, p. 66



2-32, p. 67



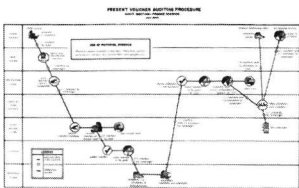
2-33, p. 68



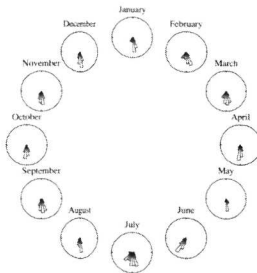
2-34, p. 69

CATEGORIES	TYPES OF ORGANIZATION				
	ARRANGEMENT	RECTILINEAR	CIRCULAR	ORTHOGONAL	POLAR
DIAGRAMS		⇌	⊙	L	⊕
NETWORKS	S	→	J		
MAPS	L				
SYMBOLS	⚠				

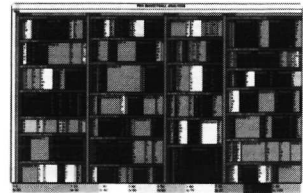
(2-36, p. 71)



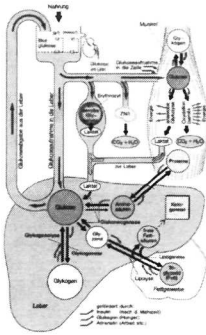
2-38, p. 80



2-39, p. 82



2-40, p. 83



3-05, p. 105



(3-06, p. 106)



(3-07, p. 108)



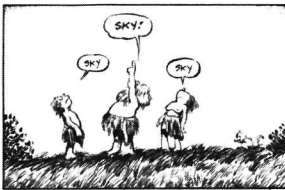
(3-08, p. 109)



3-09, p. 110



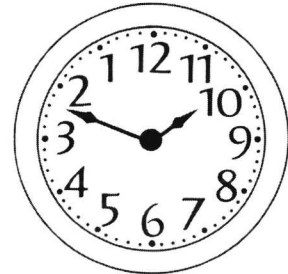
(3-10, p. 111)



3-11, p. 112



3-12, p. 113



3-13, p. 114

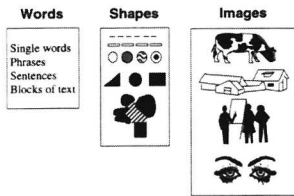


(3-15, p. 118)

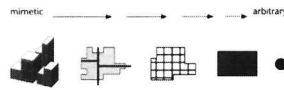
(3-16, p. 119)

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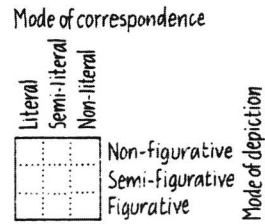
3-17, p. 120



(3-19, p. 123)



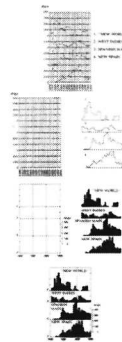
(3-20, p. 124)



(3-21, p. 125)

pictorial	wildlife refuge
	bike trail
associative	church
	mine
geometric	information center
	historical marker

(3-23, p. 127)



(3-24, p. 132)

	numerical	ordinal	nominal	
location	Acceptable	Acceptable	Acceptable	Bertin's variable syntactics Acceptable (black) Unacceptable (hatched)
size	Acceptable	Acceptable	Unacceptable	
value	Acceptable	Acceptable	Unacceptable	
texture	Unacceptable	Unacceptable	Unacceptable	
color	Unacceptable	Unacceptable	Unacceptable	
orientation	Unacceptable	Unacceptable	Unacceptable	
shape	Unacceptable	Unacceptable	Unacceptable	

(3-26, p. 135)

