

QUESTIONS FROM TEXTS, TEACHERS AND TESTS

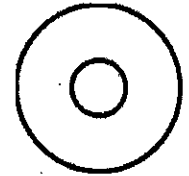
THINKING PROCESSES

THINKING MAPS AS TOOLS

How are you defining this thing or idea? What is the context? What is your frame of reference?

DEFINING IN CONTEXT

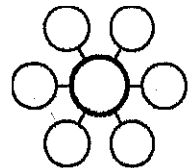
Circle Map



How are you describing this thing? Which adjectives would best describe this thing?

DESCRIBING QUALITIES

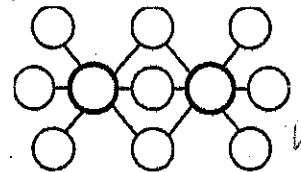
Bubble Map



What are the similar and different qualities of these things? Which qualities do you value most? Why?

COMPARING AND CONTRASTING

Double Bubble Map



What are the main ideas, supporting ideas and details in this information?

CLASSIFYING

Tree Map



What are the component parts and subparts of this whole physical object?

PART-WHOLE

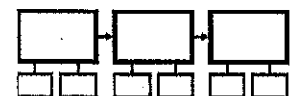
Brace Map



What happened? What is the sequence of events? What are the substages?

SEQUENCING

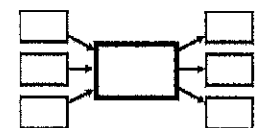
Flow Map



What are the causes and effects of this event? What might happen next?

CAUSE AND EFFECT

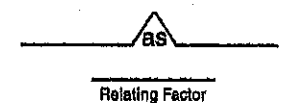
Multi-Flow Map



What is the analogy being used? What is the guiding metaphor?

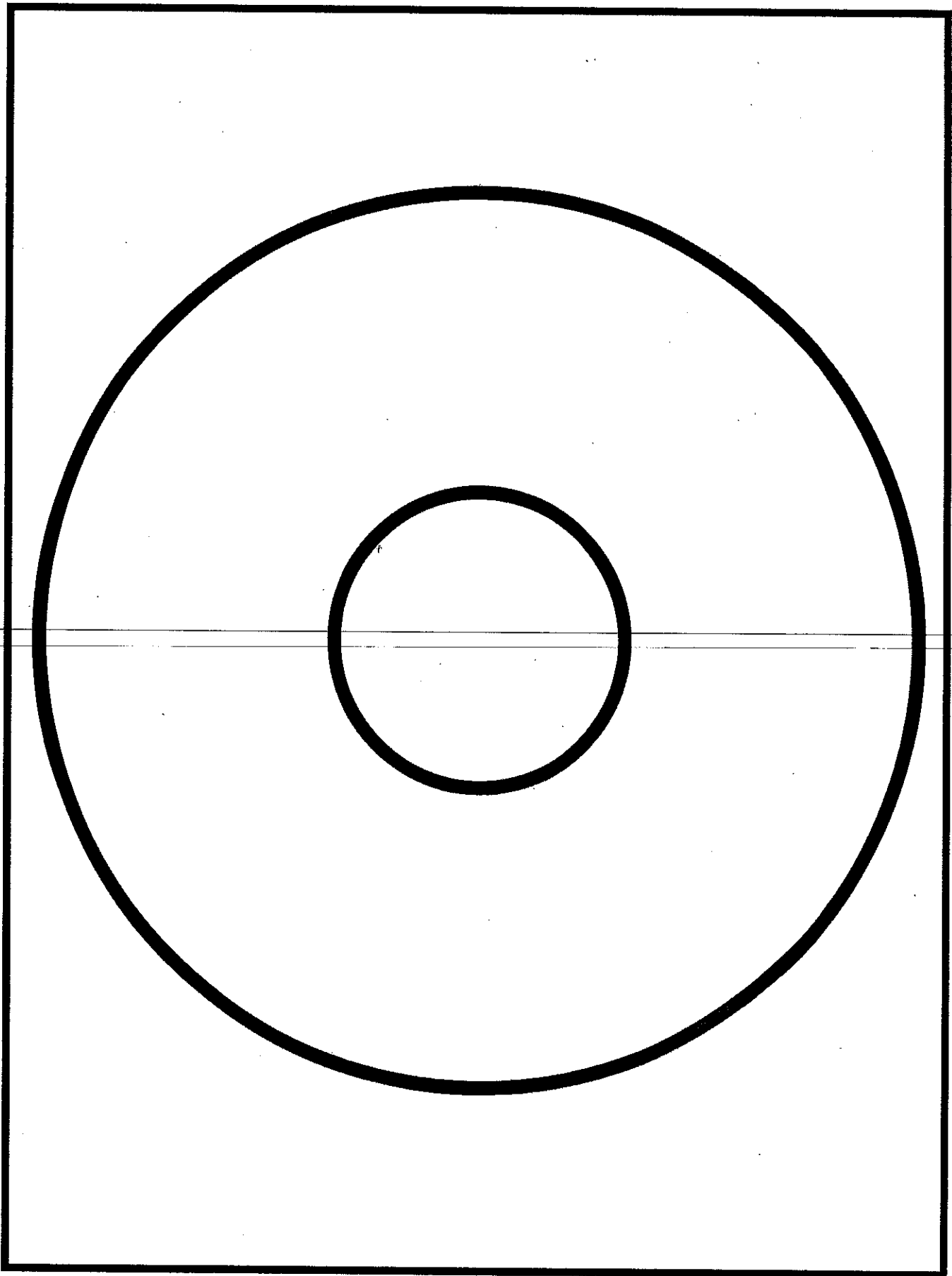
SEEING ANALOGIES

Bridge Map

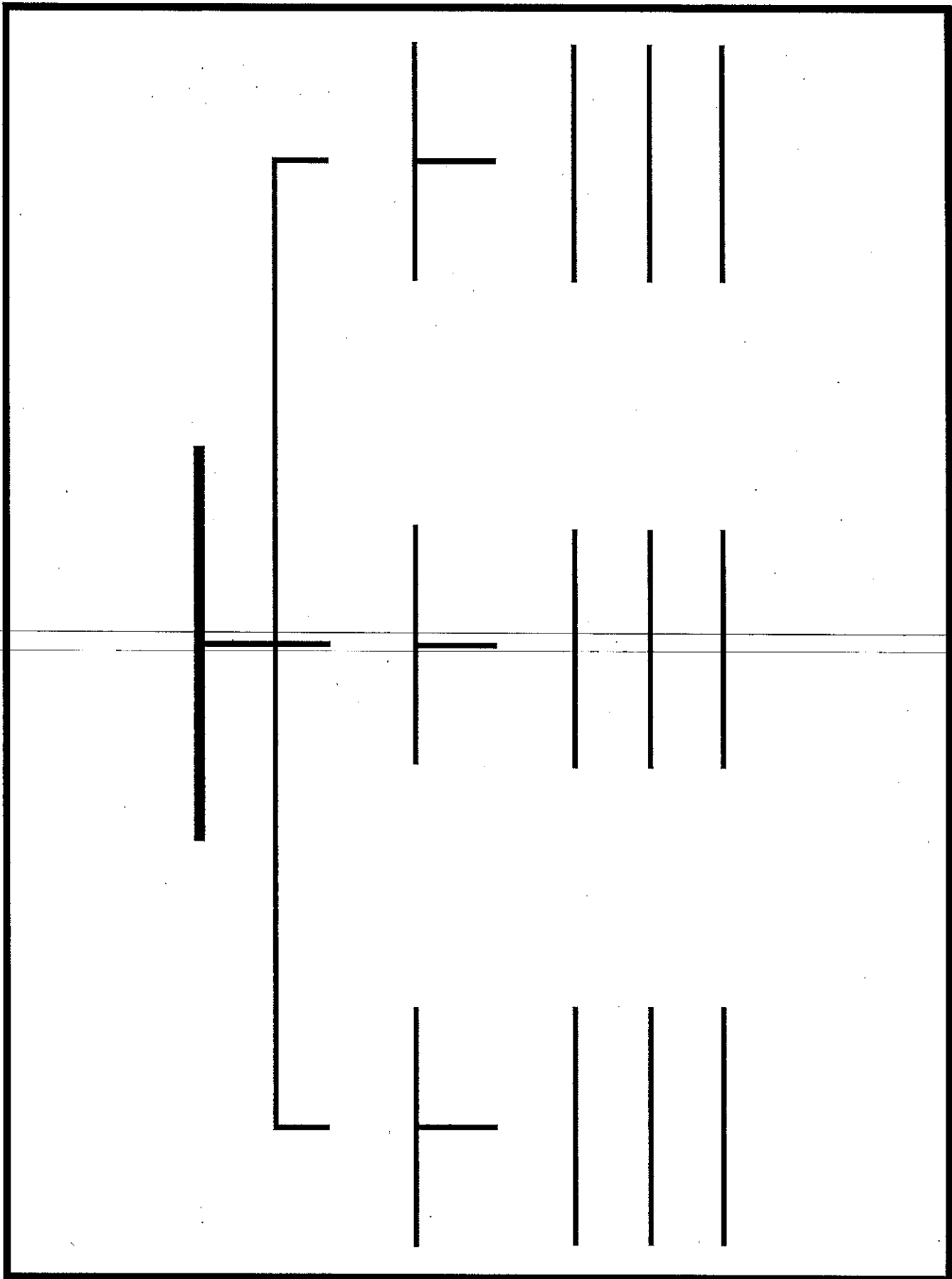


KEY WORDS FOR THINKING

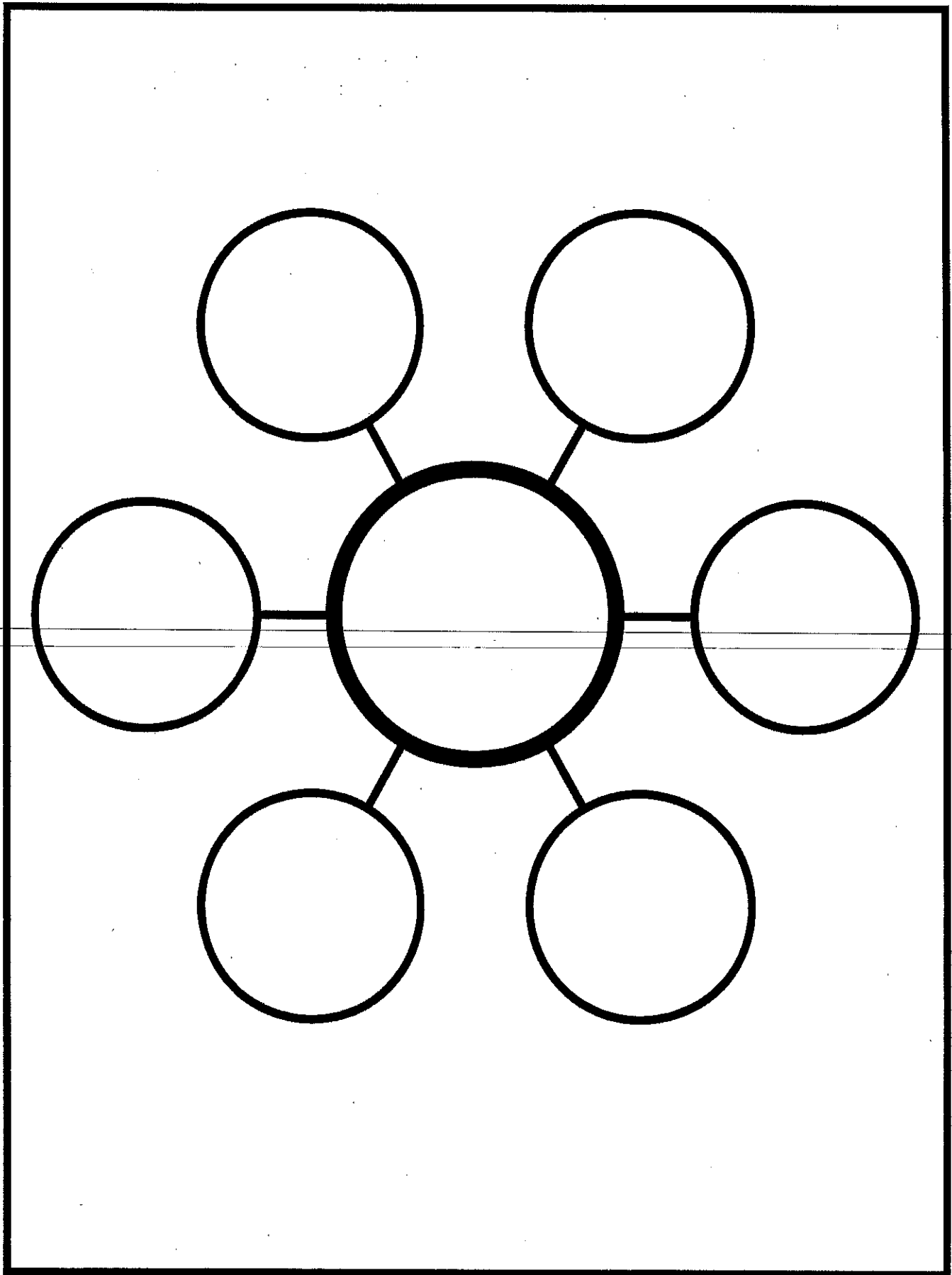
Thinking Map	Thought Process	Key Words
Circle	Defining in Context Brainstorming	Context, Context clues, List, Define, Tell everything that you know, Brainstorm, Identify, Relate prior knowledge, Tell About, Explore the meaning, Discuss
Bubble	Describing	Describe, Use vivid language, Observe using the 5 senses, Describe feelings, Attributes, Characteristics, Properties, Adjectives, Qualities
Double Bubble	Comparing and Contrasting	Compare / Contrast, Discuss similarities / differences, Distinguish between, Differentiate
Tree	Classifying	Classify, Sort, Group, Categorize, Give sufficient and related details, Types of, Kinds of, List and Elaborate, Taxonomy
Brace	Part to Whole Relationship	Parts of, Take apart, Show structure, Physical components, Anatomy
Flow	Sequence	Sequence, Put in order, Order, Recount/Retell, What happens next, Cycles, Patterns, Processes, Change, Solve multi-step problems
Multi-Flow	Cause and Effect	Causes and effects, Discuss consequences, What would happen if, Predict, Change, Identify motives, Why, Results, Outcomes, Benefits
Bridge	Seeing Analogies	Identify the common relationship, Guess the rule, Interpret symbols, Simile, Metaphor, Allegory, Ratio



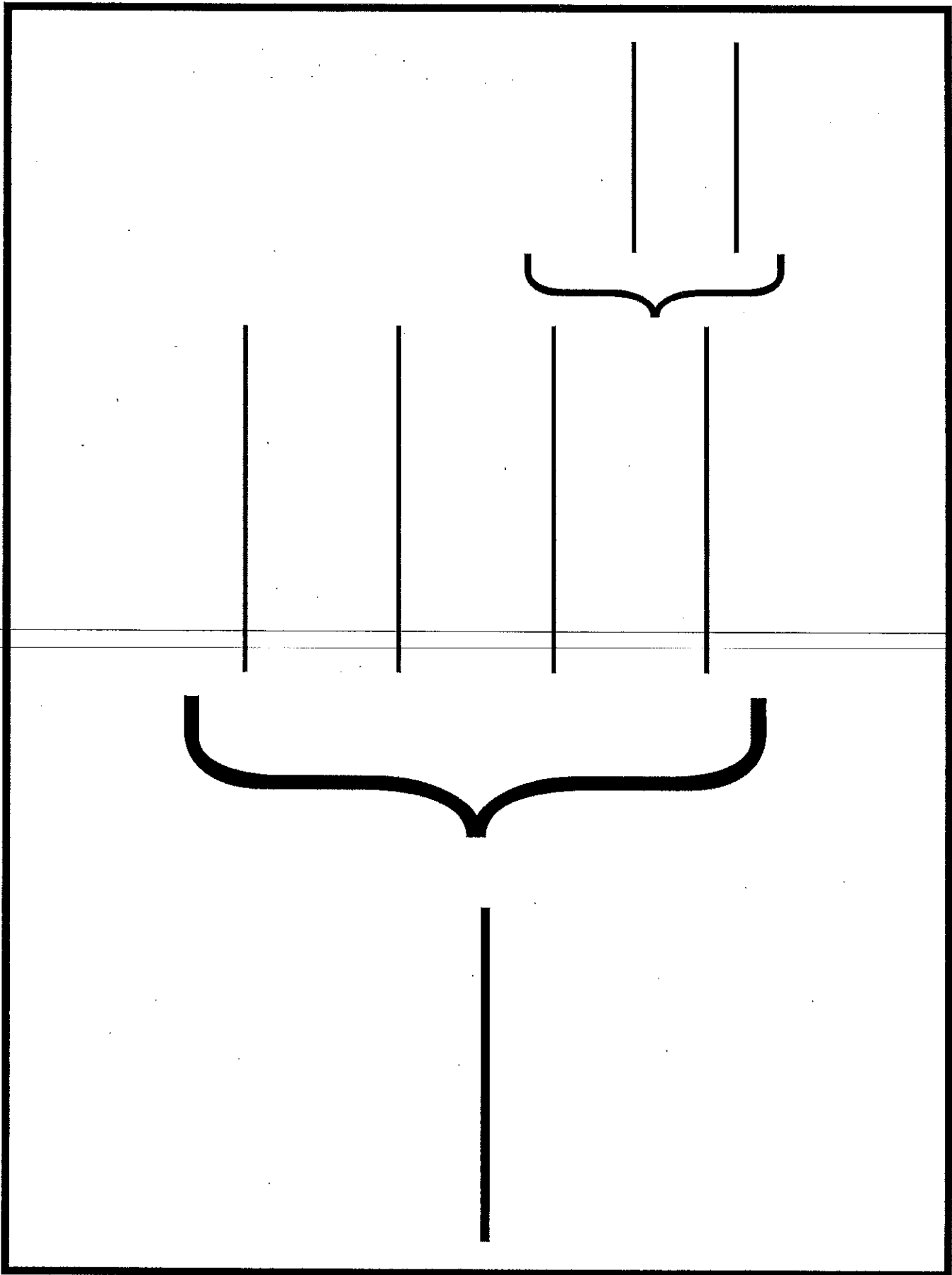
Circle Map for Defining in Context



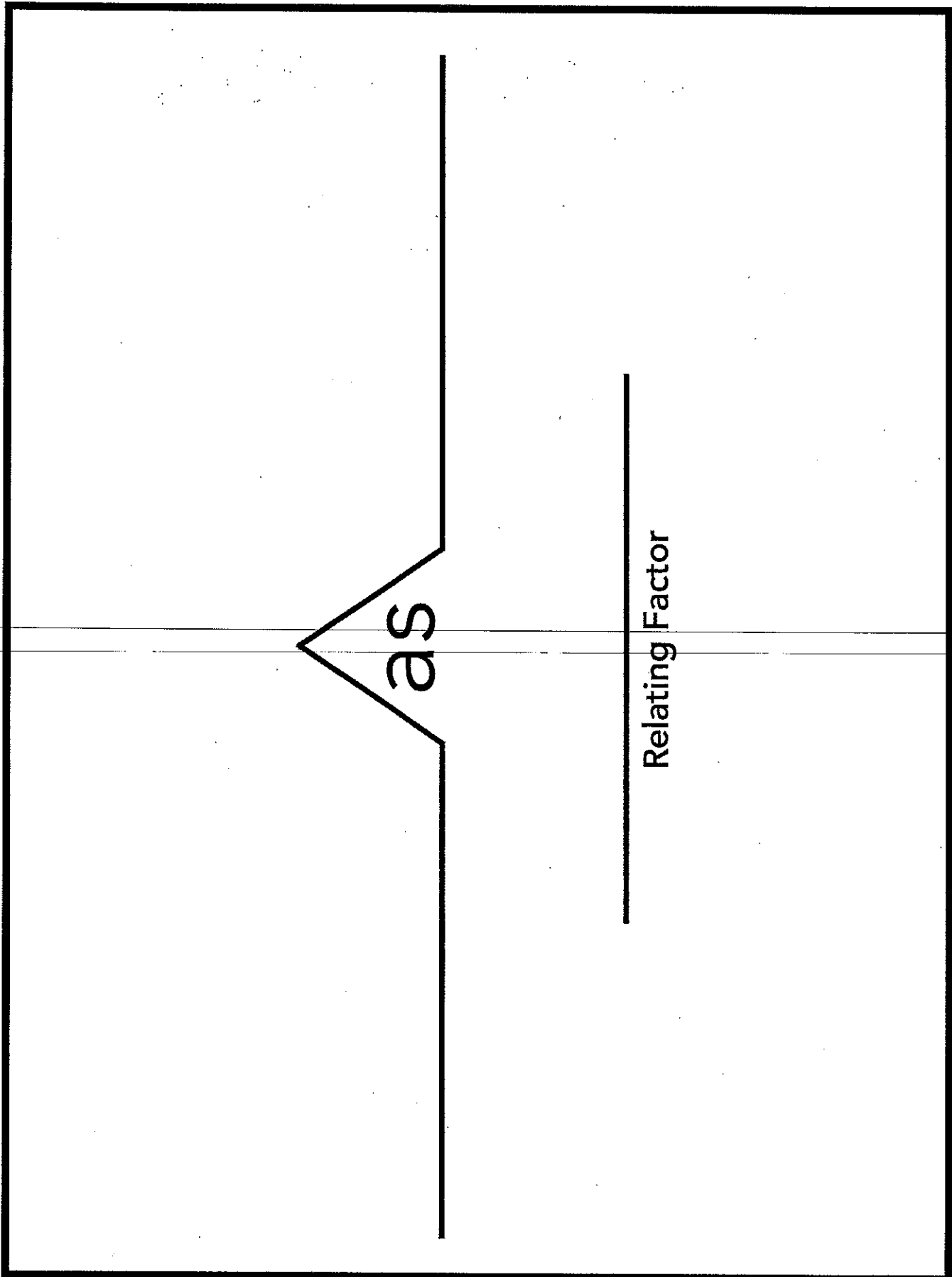
Tree Map for Classifying



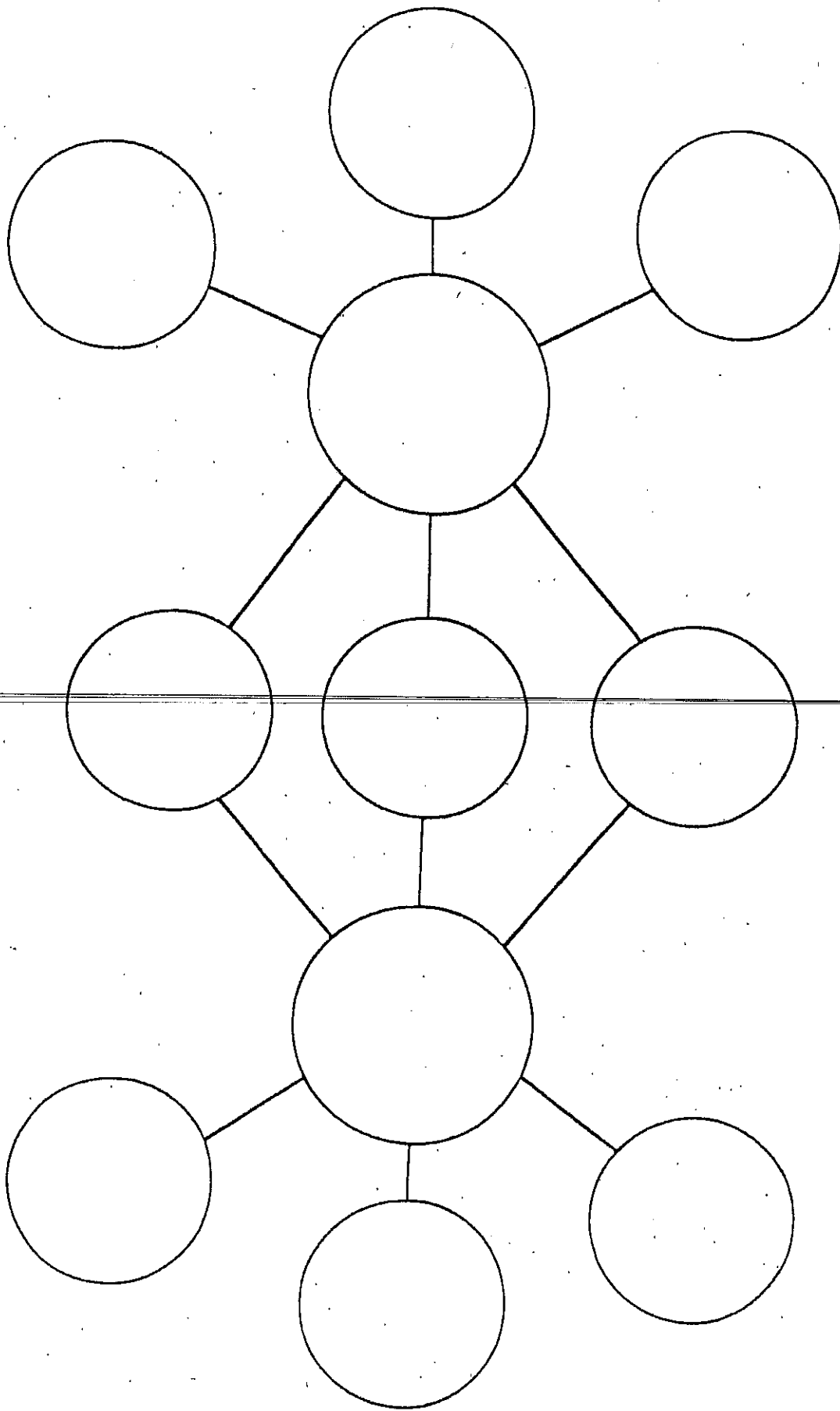
Bubble Map for Describing



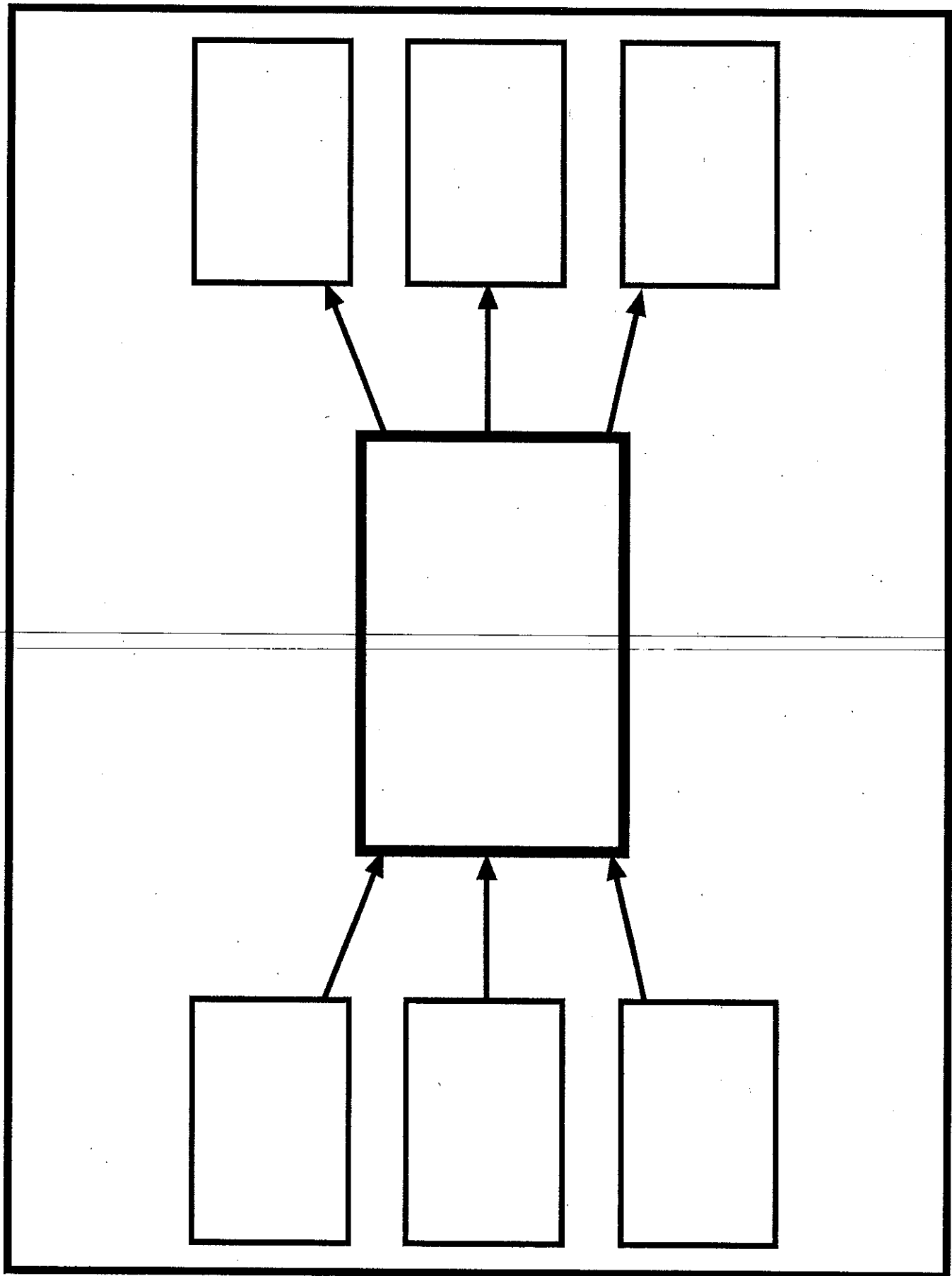
Brace Map for Whole-Part Relationship



Bridge Map for Seeing Analogies



Double Bubble Map for Comparing (similarities) and Contrasting (differences)



Multi-Flow Map for Cause and Effect

