# Chapter 8

The crossword grid contains the following answers:

1. (Down) A L G O R I T H M I C S O L U T I O N
2. (Across) C O N N O T A T I V E M E A N I N G
3. (Down) N O R T H ... (INSIGHT-related column)
5. (Across) P H O N E M E S
6. (Across) C O G N I T I O N
9. (Across) F I X A T I O N
14. (Across) B A S E R A T E
17. (Across) M E N T A L S T A T E
18. (Across) C H O I C E O V E R L O A D
19. (Across) G R A M M A R
20. (Across) I N T U I T I O N
21. (Across) H E U R I S T I C
23. (Across) F U N C T I O N A L F I X E D N E S S
25. (Across) P R O T O T Y P E
26. (Across) D A Y D R E A M
27. (Across) C R E A T I V I T Y
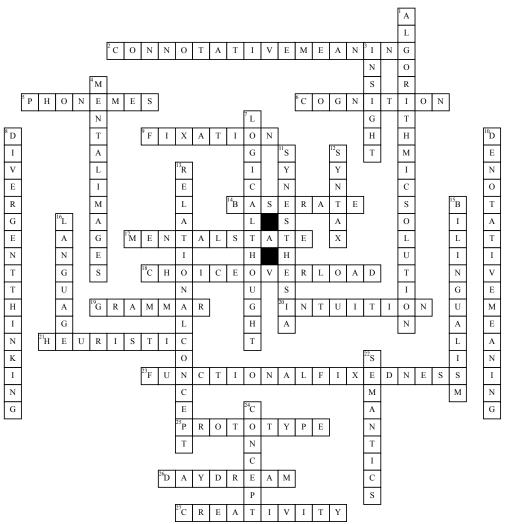
## Across

**2.** The subjective, personal, or emotional meaning of a word or concept.

**5.** Basic speech sounds of language.

**6.** The process of thinking, gaining knowledge, and dealing with knowledge.

**9.** The tenancy to repeat wrong solutions or faulty responses.

**14.** The basic rate at which an event occurs overtime.

**17.** A predisposition to perceive or respond in a particular way.

**18.** Difficulty making a decision in the face of many alternatives.

**19.** A set of rules for combining language units into meaningful speech or writing.

**20.** Impulsive thought that does not use formal logic or clear reasoning.

**21.** Shortcut or rule of thumb for finding a solution to a problem.

**23.** Tendency to perceive an item only in terms of its most common use.

**25.** An ideal model used as a prime example of a particular concept.

**26.** A vivid waking fantasy.

**27.** Ability to combine mental elements in new and useful ways.

## Down

**1.** A problem solution achieved by following a series of step by step rules

**3.** A sudden mental reorganization of a problem that makes the solution obvious.

**4.** Mental pictures or visual depictions used in memory and thinking.

**7.** Drawing conclusions on the basis of formal principles of thinking.

**8.** Thinking that produces many ideas or alternatives.

**10.** The exact, dictionary definition of a word or concept.

**11.** Experiencing a sense that is normally associated with another sense.

**12.** Rules for ordering words when forming a sentence.

**13.** A concept defined by the relationship between features of an object or between an object and its surroundings.

**15.** Ability to speak 2 languages

**16.** Words or symbols, and rules for combining them, that are used for thinking and communication.

**22.** Study of meanings in words and language.

**24.** Mental category for classifying things based on common features or properties.

## Word Bank

| | | | | |
|---|---|---|---|---|
| Divergent Thinking | Intuition | Algorithmic Solution | Synesthesia | Mental Images |
| Language | Fixation | Grammar | Concept | Day dream |
| Base Rate | Relational concept | bilingualism | Phonemes | Prototype |
| Syntax | Semantics | Choice Overload | Creativity | Logical Thought |
| Insight | Functional fixedness | Heuristic | Cognition | Mental State |
| Connotative meaning | Denotative meaning | | | |