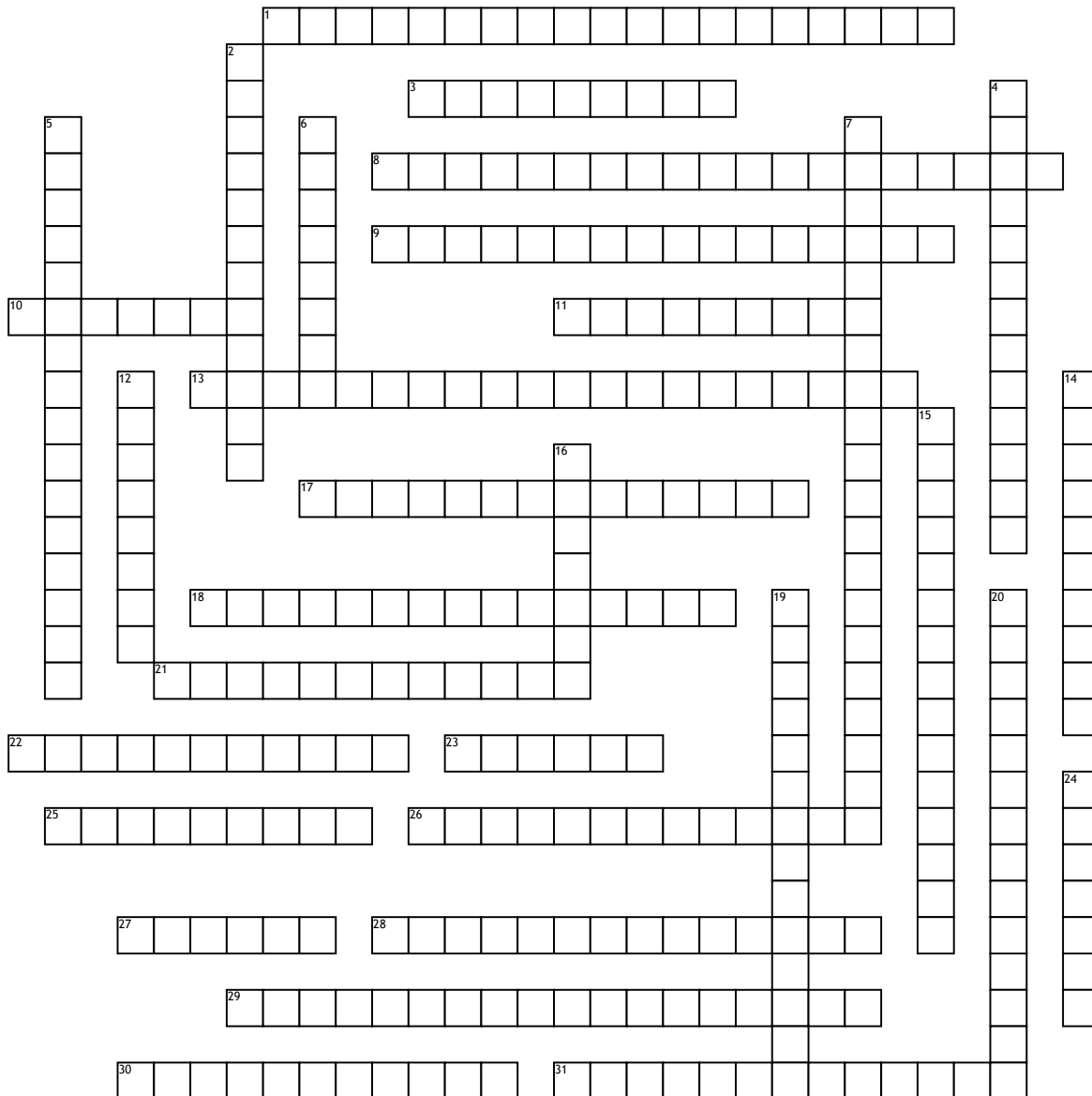


Name: _____

Date: _____

Cognition



Across

1. unconscious encoding of incidental information, such as space, time, and frequency, and of well-learned information, such as word meanings
3. memory aids, especially those techniques that use vivid imagery and organizational devices
8. encoding that requires attention and conscious effort
9. the encoding of meaning, including the meaning of words
10. the retention of encoded information over time
11. the process of getting information out of memory storage
13. an increase in a synapse's firing potential after brief, rapid stimulation. Believed to be a neural basis for learning and memory
17. the relatively permanent and limitless storehouse of the memory system. Includes knowledge, skills, and experiences
18. a clear memory of an emotionally significant moment or event
21. a momentary sensory memory of visual stimuli; a photographic or picture-image memory lasting no more than a few tenths of a second
22. a measure of memory in which the person need only identify items previously learned, as on a multiple-choice test

23. a measure of memory in which the person must retrieve information learned earlier, as on a fill-in-the-blank test
25. the conscious repetition of information, either to maintain it in consciousness or to encode it for storage
26. the tendency for distributed study or practice to yield better long-term retention than is achieved through massed study or practice
27. the persistence of learning over time through the storage and retrieval of information
28. retention independent of conscious recollection. (Also called nondeclarative or procedural memory.)
29. the processing of many aspects of a problem simultaneously; the brain's natural mode of information processing for many functions, including vision. Contrasts with the step-by-step (serial) processing of most computers and of conscious problem solving
30. a neural center that is located in the limbic system; helps process explicit memories for storage
31. a newer understanding of short-term memory that focuses on conscious, active processing of incoming auditory and visual-spatial information, and of information retrieved from long-term memory

Down

2. a momentary sensory memory of auditory stimuli; if attention is elsewhere, sounds and words can still be recalled within 3 or 4 seconds

4. the immediate, very brief recording of sensory information in the memory system
5. the encoding of sound, especially the sound of words
6. organizing items into familiar, manageable units; often occurs automatically
7. our tendency to recall best the last and first items in a list
12. the processing of information into the memory system—for example, by extracting meaning
14. a measure of memory that assesses the amount of time saved when learning material for a second time
15. activated memory that holds a few items briefly, such as the seven digits of a phone number while dialing, before the information is stored or forgotten
16. mental pictures; a powerful aid to effortful processing, especially when combined with semantic encoding
19. the encoding of picture images
20. memory of facts and experiences that one can consciously know and "declare." (Also called declarative memory.)
24. the loss of memory