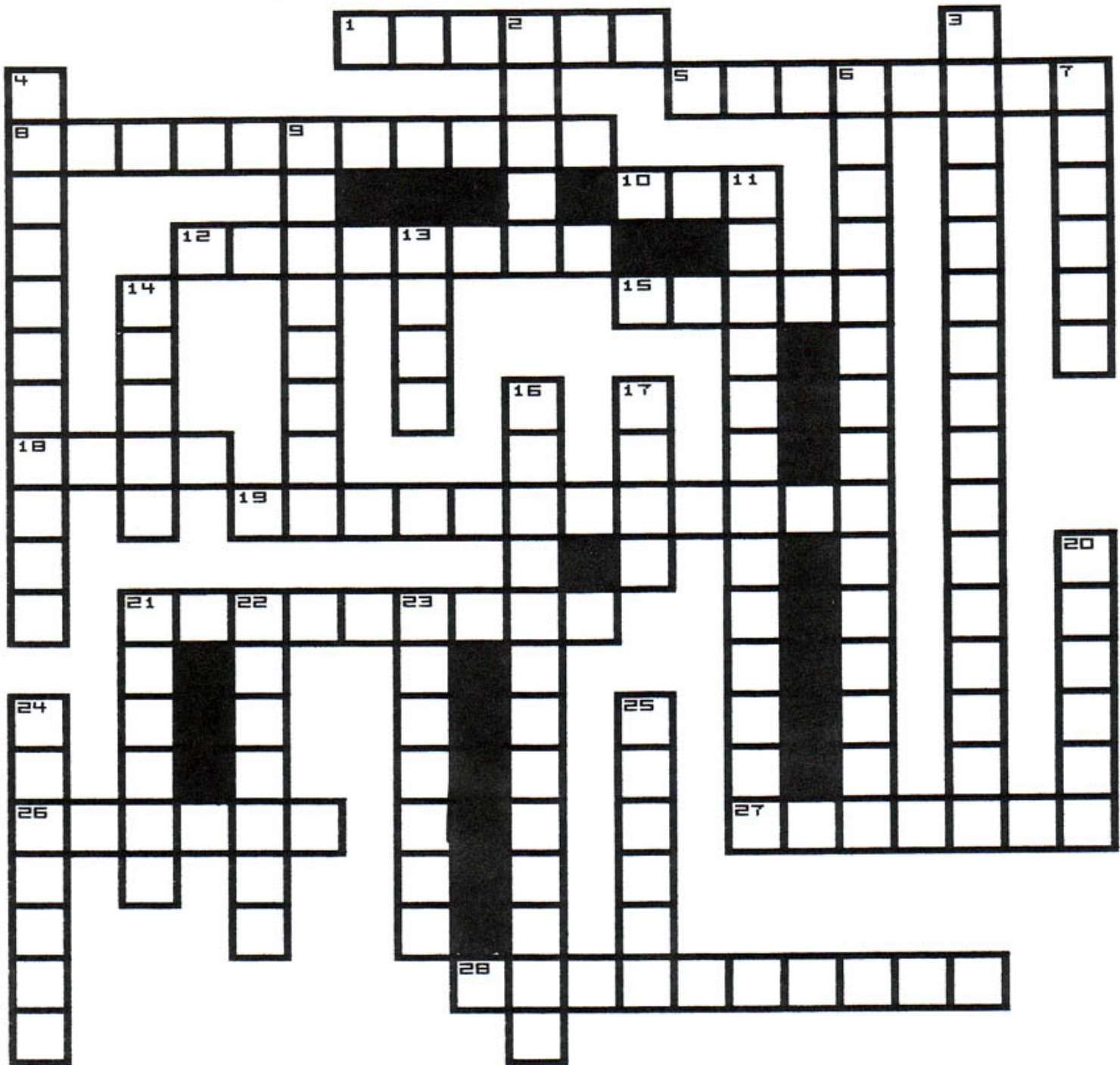


Spinal Cord Puzzle



ANTERIORHORN
 ARC
 BRANCH
 CANAL
 CENTERS
 CORTICOSPINAL
 CORD
 CROSSED-EXTENSOR
 DESCENDINGTRACT
 ENLARGEMENT

EPIDURAL
 FUNICULI
 GANGLION
 HORN
 LATERAL
 LUMBAR
 MOTOR
 NERVE
 NEURON
 PLEXUS

POSTERIOR
 REFLEXS
 ROOT
 SENSORY
 SPINOTHALAMIC
 SPINAL
 TRACTS
 VENTRALROOT
 WITHDRAWAL

Spinal Cord Puzzle

ACROSS CLUES

1. Nerve ___ are major pathways in the spinal cord, they may be ascending or descending.
5. Space containing blood vessels, loose connective and adipose tissue that protects spinal cord
8. Thickening in the neck region of the spinal cord that gives off nerves to arms is the cervical ___
10. A reflex ___ consists: receptor, sensory neuron, interneuron, motor neuron and effector.
12. Name for the white matter columns of the spinal cord.
15. A spinal ___ consists of bundles of sensory and motor fibers wrapped in connective sheathes.
18. The dorsal ___ of a spinal nerve consists of sensory fibers.
19. The ___ is the gray matter of the spinal cord that contains motor neuron cell bodies.
21. The ___ branch of each spinal nerve innervates the muscles of the skin and back.
26. Another name for nerve cell.
27. The ___ horn contains sympathetic neuron cell bodies.
28. The type of reflex that occurs due to painful stimuli.

DOWN CLUES

2. The central ___ of the spinal cord contains CSF and is continuous with the ventricles.
3. Reflex that results in both the contraction of flexor muscles on one side & extensor on opposite.
4. The spinal nerve forms from the joining of the ___ and the dorsal root.
6. A ___ carries motor information down the spinal cord from an area in the brain.
7. The spinal cord ends somewhere between the ___ vertebra 1 & 2.
9. A group of nerve cell bodies found in the peripheral nervous system.
11. A descending spinal tract from the cerebral cortex to the spinal cord.
13. The spinal ___ consists of 31 segments, each of which gives rise to a pair of spinal nerves.
14. Efferent neurons are ___ neurons carrying impulses to the muscles.
16. An ascending sensory tract extending from the spinal cord to the thalamus.
17. The posterior ___ contains interneurons receiving sensory information from sensory neurons
20. There are 31 pairs of ___ nerves.
21. A network of intertwining nerves leading to the arm is called the brachial ___.
22. Afferent nerves are nerves that carry ___ information to the spinal cord.
23. ___ are automatic, unconscious responses to changes occurring within or outside the body.
24. Two common reflex ___ are the brain stem and the spinal cord.
25. An anterior spinal nerve ___ may become part of complex network of plexuses.