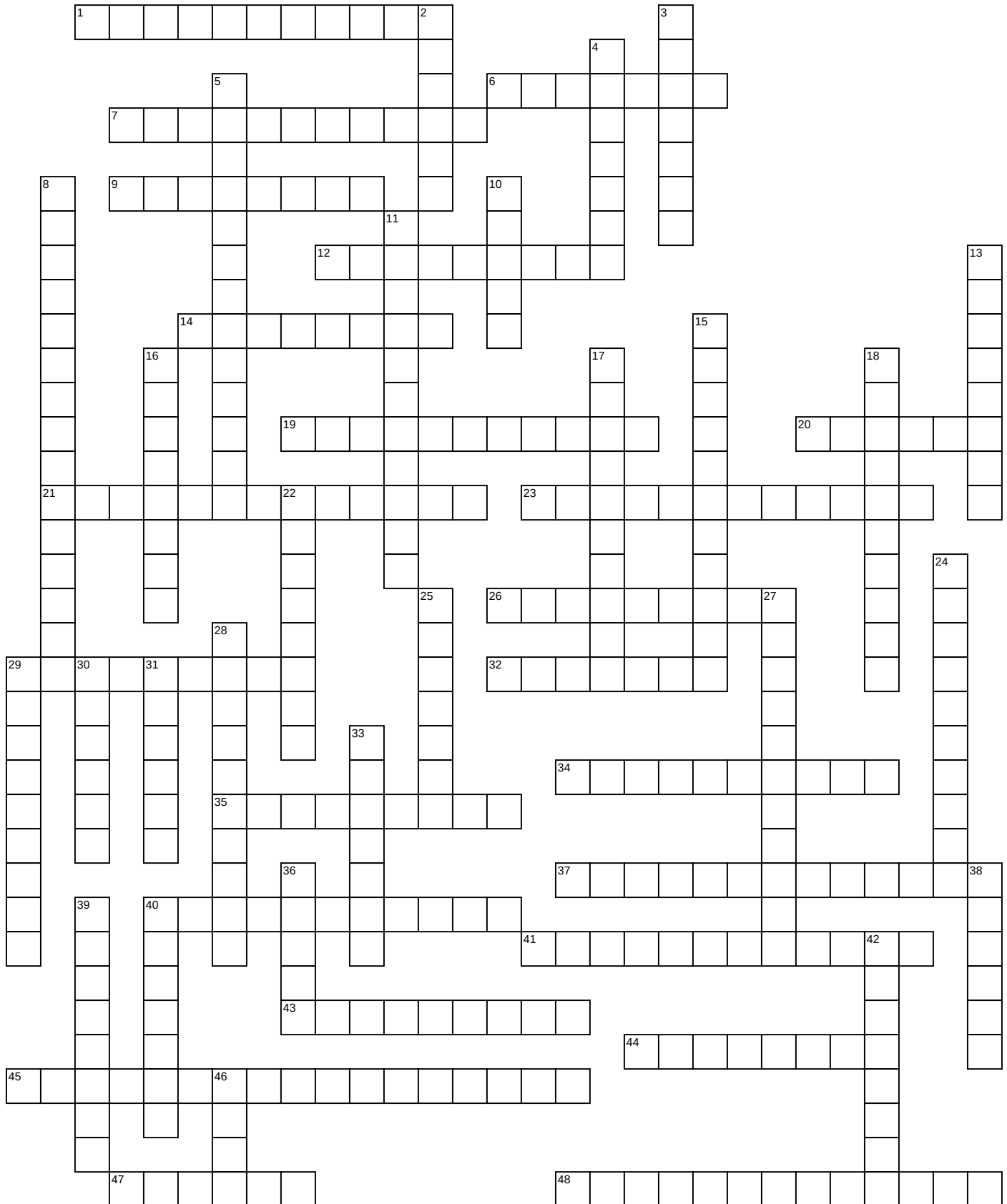


Chps. 31-34 Crossword Study Guide

Name _____



ACROSS

- 1 Type of relationship between leaf-cutter ants and a fungus
- 6 Type of locomotion found in humans but not in apes
- 7 Cleavage that rigidly casts the developmental fate of each embryonic cell very early
- 9 Fungi with flagellated spores
- 12 The only mammal where the embryo fully develops inside the mother's uterus
- 14 Egg with a built-in food supply and membranes that protect the embryo
- 19 A mutualistic relationship between plants and fungi
- 20 Feeding structure of gastropods
- 21 Type of cleavage where early embryonic cells can be isolated and a complete organism will still develop
- 23 Singing cells
- 26 Animals with cephalization have this type of symmetry
- 29 It is produced in an ascus
- 32 Arthropods and nematodes go through this process
- 34 Where gastrulation starts
- 35 It has poisonous claws
- 37 The most expensive food in the world, pound-for-pound (2 words)
- 40 This characteristic of fish and sharks can sense vibrations in the water (2 words)
- 41 Blastopore becomes the anus
- 43 One of four characteristics common to all chordates some time in their life
- 44 An invertebrate chordate
- 45 Closest living relative to animals
- 47 It secretes the shell in molluscs
- 48 Phylum of sea stars

DOWN

- 2 Fungi and plants have this in common
- 3 A skull with a pair of holes on each side; found in reptiles
- 4 Where you would find amoebocytes and spicules
- 5 An asexually reproducing fungi
- 8 Class of triploblastic acoelomates with bilateral symmetry
- 10 Heterotrophic feeders by absorption
- 11 The fruiting body of a dikaryotic mycelium of a cub fungus
- 13 Phylum in which all members have a post-anal tail
- 15 The only group that has a water vascular system
- 16 A cephalochordate
- 17 When the cytoplasm from two different mating types of hyphae fuse
- 18 Ability to maintain a constant body temperature
- 22 The third germ layer
- 24 Genomically speaking, a very close relative to humans with only 1% difference
- 25 A filter-feeding mollusc
- 27 Some filter-feeders have these
- 28 A lobe-finned fish believed to be extinct until 1938
- 29 Metamorphic animal whose name mean "both ways of life"
- 30 Polyps that live symbiotically with colorful algae
- 31 The benefit to Mycorrhizae in exchange for extra nutrient absorption to a plant root cell
- 33 The only group that has nervous system signal conduction and muscular movement. No unicellular members
- 36 This develops from the dorsal hollow nerve cord
- 38 Type of embryonic cleavage that becomes a protostome
- 39 A very successful group of animals that has a complete digestive system, a pseudocoelom, but no circulatory system. There are over 50 species that are parasites of humans
- 40 Mutualistic association between fungi and photosynthetic organisms
- 42 The densely branched network of hyphae in a fungus
- 46 Body shape that would have a high surface-area-to-volume ratio