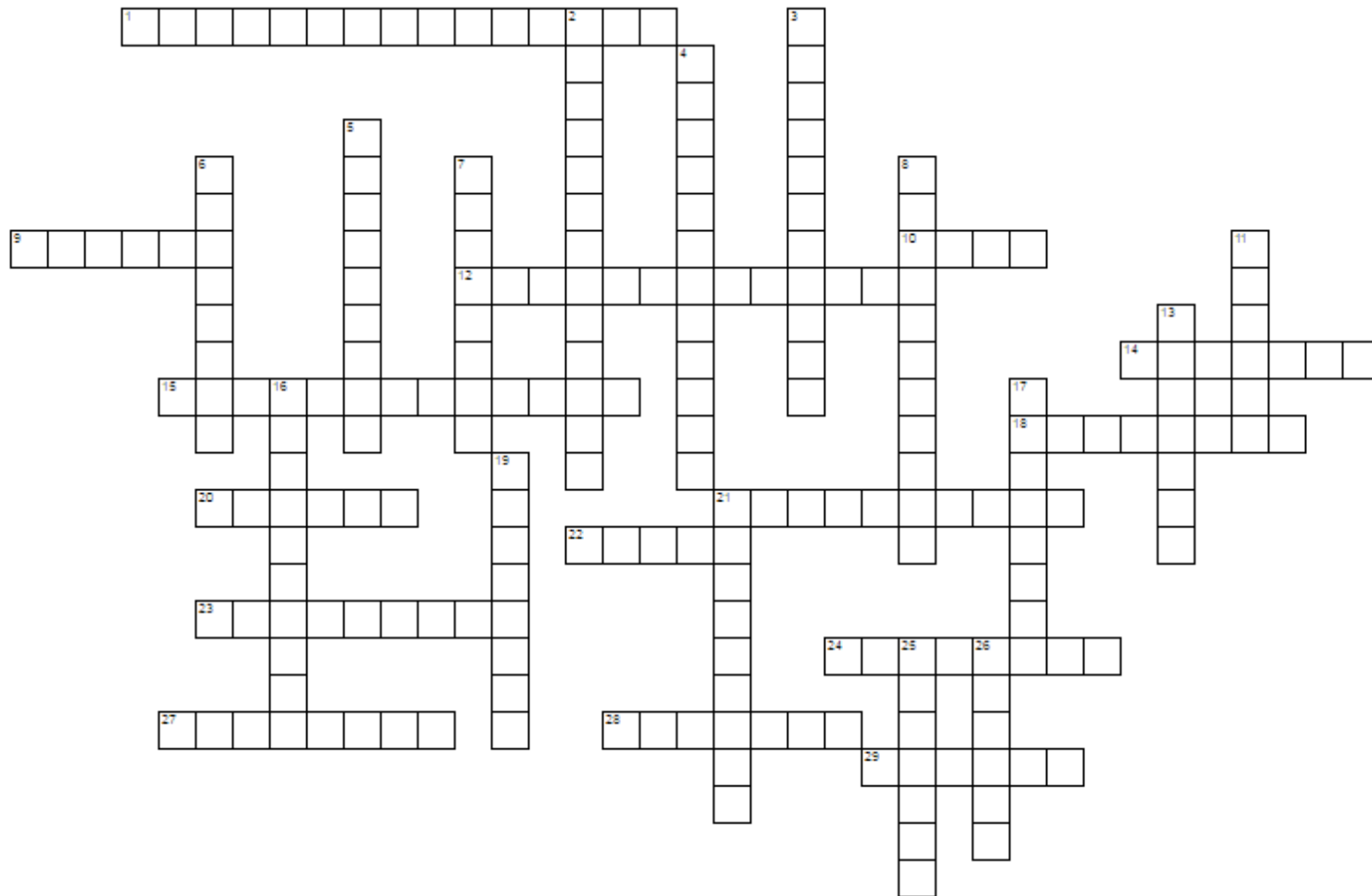


Name: _____ Date: _____ Period: _____

Kingdom Animalia Phylum Characteristics

Invertebrates and Vertebrates



After filling in the crossword, go to the following website: <https://goo.gl/cgcZph>
and become a millionaire!

ACROSS

- 1 phylum of flatworms
- 9 type of symmetry in which several planes can be cut for mirror images
- 10 circulatory system with no vessels
- 12 organisms that do not have a backbone
- 14 this means something is attached and doesn't move
- 15 phylum of starfish, sand dollars and sea urchins
- 18 phylum of roundworms
- 20 this is the first animal
- 21 phylum of insects, spiders and crabs
- 22 chordates use these organs to breathe
- 23 type of symmetry in which one division is made making two mirror images
- 24 phylum of animals with a backbone
- 27 phylum of segmented worms
- 28 the belly side of an organism
- 29 type of nervous system where nerve cord is along back

DOWN

- 2 a fluid filled skeleton
- 3 organisms that have backbones
- 4 type of skeleton found in echinoderms and chordates
- 5 process used for respiration in sponges, jellyfish and worms
- 6 phylum of snails, clams and squid
- 7 phylum containing sponges
- 8 covers the body to protect internal organs
- 11 circulatory system with vessels and heart
- 13 type of nervous system where nerve cord runs along the bottom
- 16 type of digestive system with one opening
- 17 phylum containing jellyfish and anemone
- 19 type of digestive system with two openings
- 21 no symmetry
- 25 this is the smartest invertebrate
- 26 the back side of an organism

Word Bank:

ANNELIDA
ARTHROPODA
ASYMMETRY
BILATERAL
CHORDATA
CLOSED
CNIDARIA
COMPLETE
DIFFUSION
DORSAL
DORSAL
ECHINODERMATA
ENDOSKELETON
EXOSKELETON
HYDROSKELETON
INCOMPLETE
INVERTEBRATE
LUNGS
MOLLUSCA
NEMATODA
OCTOPUS
OPEN
PLATYHELMINTHES
PORIFERA
RADIAL
SESSILE
SPONGE
VENTRAL
VENTRAL
VERTEBRATES