

MAD MINUTE: Interaction of Living Things (Biotic/Symbiotic Relationships) Worksheet

Instructions: Classify the interaction of living things being described by filling the blanks with:
commensalism | competition | mutualism | parasitism | predation.

- _____ 1. Fungus and lichens live together. The fungus gets food from the algae while the algae gets a place to live.
- _____ 2. The parasitic roundworm anchors itself to the wall of the intestine and causes diseases to the organisms.
- _____ 3. Spiders create their webs on stems and trunks of plants.
- _____ 4. A mouse is captured and eaten by an owl.
- _____ 5. Two angelfish are struggling for the best territory in a small fishbowl.
- _____ 6. Cheetahs and lions feed on the same prey.
- _____ 7. Insects get nectar from flowers. They also transfer the pollen that gets stuck in their bodies to another flower.
- _____ 8. Orchids perch on sturdier plants. They cause no harm to the host plant. They benefit simply from being exposed to sunlight.
- _____ 9. The waste plant sap produced by aphids are used by ants for nutrition. The ants protect the aphids from parasites.
- _____ 10. An oyster attaches itself to a mangrove. The oyster has a place to live, but the mangrove is unharmed.
- _____ 11. Many bacteria live in the human intestines. These bacteria feed on the food in our guts without harming us.
- _____ 12. The sea lamprey uses its oral disc to attach itself to a larger fish, bores a hole through the fish's flesh, & sucks its blood.
- _____ 13. A lion devours a deer.
- _____ 14. A snake catches and swallows a frog.
- _____ 15. Chimpanzees fight to achieve supremacy in the tribe.

- 16. The shrimp digs to burrow itself and the goby fish. In case of danger, the goby fish touches the shrimp with its tail to warn it.
- 17. Dodder plants have root like structures that penetrate the vascular bundles of other plants to get nutrients.
- 18. Hermit crabs use gastropod's shells to protect their bodies without being harmed.
- 19. A remora fish attaches itself to sharks. When the shark eats, it eats the scraps. The shark does not harm the remora fish.
- 20. Amoeba in humans causes infection that leads to liver abscesses and dysentery.
- 21. Ticks attach firmly to the skin of other animals to draw blood.
- 22. The Nile crocodile, with its mouth open, permits the Egyptian plover bird to feed on any leeches attached to its gum.
- 23. A fly is trapped in a spider's web.
- 24. Yellow rattle plant gets some of its nutrients from the roots of neighboring plants.
- 25. Ten tomato plants are grown in one small pot with limited amount of soil.
- 26. A frog catches a grasshopper.
- 27. The territorial clownfish lives in sea anemones. They protect each other from their predators.
- 28. A tomato hornworm is covered with cocoons of pupating beaoned wasps. It dies as the wasps pupate.
- 29. A short plant receives less sunlight because it is shaded by a tall plant.
- 30. Torsalo flies catch smaller flies so they can glue their eggs on them. The captive flies are released unharmed, but carry the eggs until they land on a host.