Food Chains and Ecosystems

Grade 3 Science Worksheet

Name _____ Date _____

Circle the answer.

1. Which food chain is in the right order for a pond?

   algae → fish → snail algae → snail → fish fish → snail → algae

   snail → algae → fish

2. In grass → grasshopper → frog → snake, which animal eats the grasshopper?

   hawk snake frog grass

3. In phytoplankton → krill → penguin, what would happen to the penguins if the krill disappeared?

   the penguins would start making food

   the penguins would have less food

   the penguins would have more food

   the phytoplankton would disappear too

4. What would happen in a forest with no decomposers?

   there would be more sunlight

   plants would grow faster

   animals would need less food

   dead plants and animals would pile up

5. Where does the energy in a hawk's food first come from?

   the rabbit the sun the soil the hawk's nest

6. Which pair shows a predator and its prey?

   grass and rabbit owl and mouse mushroom and log mouse and seeds

7. A desert has cactus, mice, snakes and hawks. Which is the producer?

   snake hawk cactus mouse

8. A meadow is mowed and the tall grass is gone. Which animal would most likely have a harder time surviving there?

bats that hunt at night

hawks that fly high above

earthworms deep in the soil

grasshoppers that eat the grass

9. Why are producers important to every food chain?

they break down dead things

they eat the most animals

they are the largest living things

they bring energy from the sun into the chain

10. In leaves → caterpillar → bird → fox, which is the producer?

leaves bird caterpillar fox

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Answer Key - Grade 3 Science Worksheet

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