Food Chains and Ecosystems

Grade 3 Science Worksheet

Name _____ Date _____

Circle the answer.

1. A pond's frogs eat insects. If a sickness spreads and most of the frogs die, what will most likely happen to the insects at first?

   there will be more insects

   the insects will eat the frogs' food

   there will be fewer insects

   the number of insects will not change

2. Which living thing in a pond is a decomposer?

   algae on the rocks bacteria in the mud a snail on a leaf a fish in the water

3. In seeds → mouse → owl, which two are consumers?

   mouse and owl owl and the sun seeds and mouse seeds and owl

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

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

   algae → fish → snail

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

   snake grass frog hawk

6. 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

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

plants would grow faster

animals would need less food

there would be more sunlight

dead plants and animals would pile up

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

the sun the soil the rabbit the hawk's nest

9. Which pair shows a predator and its prey?

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

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

mouse cactus hawk snake

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Answer Key - Grade 3 Science Worksheet

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