Food Chains and Ecosystems

Grade 3 Science Worksheet

Name _____ Date _____

Circle the answer.

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

   snake hawk grass frog

2. 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 phytoplankton would disappear too

   the penguins would have more food

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

   dead plants and animals would pile up

   animals would need less food

   there would be more sunlight

   plants would grow faster

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

   the sun the soil the hawk's nest the rabbit

5. Which pair shows a predator and its prey?

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

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

   cactus snake hawk mouse

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

earthworms deep in the soil

bats that hunt at night

grasshoppers that eat the grass

hawks that fly high above

8. Why are producers important to every food chain?

they eat the most animals

they bring energy from the sun into the chain

they are the largest living things

they break down dead things

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

leaves fox caterpillar bird

10. 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

the number of insects will not change

there will be fewer insects

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Answer Key - Grade 3 Science Worksheet

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