Food Chains and Ecosystems

Grade 3 Science Worksheet

Name _____ Date _____

Circle the answer.

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

   hawks that fly high above

   grasshoppers that eat the grass

   earthworms deep in the soil

   bats that hunt at night

2. Why are producers important to every food chain?

   they eat the most animals

   they break down dead things

   they bring energy from the sun into the chain

   they are the largest living things

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

   fox caterpillar leaves bird

4. 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?

   the insects will eat the frogs' food

   there will be fewer insects

   there will be more insects

   the number of insects will not change

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

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

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

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

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

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

fish → snail → algae

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

snake frog grass hawk

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

the penguins would have more food

the penguins would have less food

the penguins would start making food

the phytoplankton would disappear too

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

animals would need less food

there would be more sunlight

plants would grow faster

dead plants and animals would pile up

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Answer Key - Grade 3 Science Worksheet

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