Animal Life Cycles

Grade 3 Science Worksheet - Challenge Me

PencilGo

Name _____ Date _____

Circle the answer.

1. Which observation shows that an animal's life cycle has continued to a new generation?

   a nymph sheds its skin

   an adult lays eggs that hatch

   a tadpole loses its tail

   a larva grows bigger

2. A student finds a small insect that looks like a grasshopper but has no wings. What is it most likely?

   a grasshopper larva a grasshopper pupa a grasshopper nymph

   an adult grasshopper

3. Why do butterflies lay eggs on the kind of plant the caterpillars eat?

   the caterpillars can eat right after hatching

   the chrysalis eats the leaves

   the eggs need the leaves to stay cold

   the adults need the leaves to fly

4. A frog lays about 2,000 eggs, but only a few become adult frogs. Which is a reason?

   frogs need only a few eggs to hatch

   many eggs and tadpoles do not survive to grow up

   each tadpole turns into many frogs

   all the eggs hatch into adults at once

5. A butterfly has four stages: egg, larva, pupa, adult. A grasshopper has only three. Which stage does the grasshopper not have?

   pupa adult egg nymph

6. Why does a grasshopper nymph not need a pupa stage?

- it changes inside an egg instead
- it already looks like a small adult and just grows
- it never becomes an adult
- it is too big to fit in a pupa

7. Frogs and salmon both lay eggs in water. What does this tell you about their young?

- their young can fly right away
- their young start life on land
- their young start life in water
- their young live inside the parent

8. A pond dries up in early summer. Which frog stage would be harmed most?

- frog eggs laid on dry soil
- froglets, which live only in trees
- tadpoles, because they need water to breathe
- adult frogs, which breathe with gills

9. A ladybug larva and an adult ladybug look very different. How can a scientist show they are the same kind of animal?

- watch the larva become a pupa, then an adult
- check which one is bigger
- compare their colors on one day
- count the legs on the adult only

10. Which pair of animals both go through four stages: egg, larva, pupa and adult?

- butterfly and grasshopper
- butterfly and ladybug
- frog and sea turtle
- grasshopper and dragonfly

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Answer Key - Grade 3 Science Worksheet - Challenge Me

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