Animal Life Cycles

Grade 3 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

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

   egg adult pupa nymph

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

   it never becomes an adult

   it is too big to fit in a pupa

   it already looks like a small adult and just grows

   it changes inside an egg instead

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

   their young start life in water

   their young live inside the parent

   their young can fly right away

   their young start life on land

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

   tadpoles, because they need water to breathe

   frog eggs laid on dry soil

   froglets, which live only in trees

   adult frogs, which breathe with gills

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

   compare their colors on one day

   count the legs on the adult only

   watch the larva become a pupa, then an adult

   check which one is bigger

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

   butterfly and ladybug butterfly and grasshopper grasshopper and dragonfly

   frog and sea turtle

7. Mosquitoes lay eggs in standing water. Why do towns ask people to empty buckets of rainwater?

- it stops mosquito larvae from growing there
- it gives adult mosquitoes water to drink
- it helps more mosquito eggs hatch
- it keeps the buckets from freezing

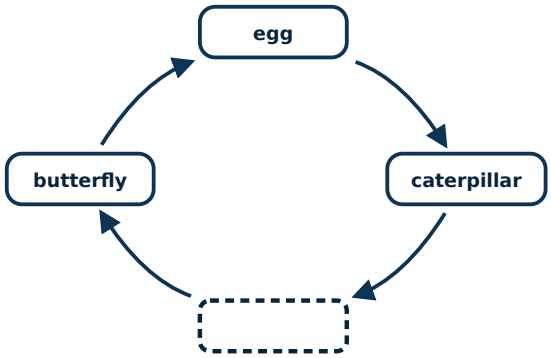
8. A sea turtle hatchling has the same body shape as an adult. A tadpole does not look like an adult frog. Which statement is true?

- only the frog changes its body form as it grows
- only the sea turtle changes its body form
- neither one grows bigger
- both change their body form completely

9. A chicken can live about 8 years. An adult mayfly lives about 1 day. What do both life cycles still include?

- hatching, growing, and making young
- a pupa stage inside a chrysalis
- living in water as adults
- growing for the same amount of time

10. Look at the butterfly life cycle. Which missing stage does not eat at all?



larva nymph tadpole chrysalis

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Answer Key - Grade 3 Science Worksheet - Challenge Me

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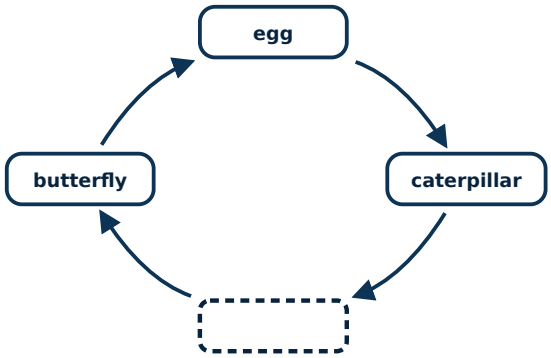
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