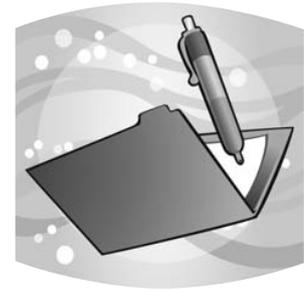


8.16 Life cycle of a dragonfly work sheet

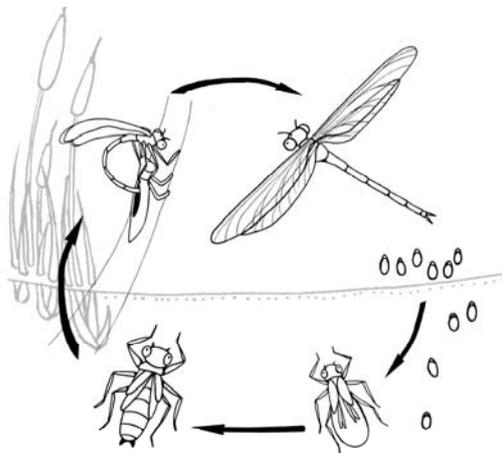


Name:

Date:

Number the pictures below according to the life cycle and match the information about each stage of the life cycle to these pictures.

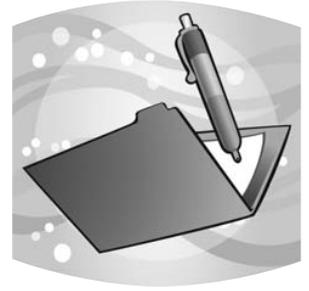
Life Cycle of a Dragonfly



Life cycle stages

Egg	Nymph	Emerging adult	Adult
<p>Female dragonflies lay their eggs on the water or on plants that live on or near the water.</p>	<p>Dragonfly nymphs live underwater. They breathe through gills and eat small bugs that live in the river. As they grow they have to shed their skin each time it becomes too small.</p> <p>When dragonflies are completely grown, the nymphs climb up plants and shed their skin.</p>	<p>Dragonflies' bodies and wings grow rapidly once they emerge from their skin. The insect pushes blood into its 4 wings and they begin to get hard. In a few hours the dragonfly can fly.</p>	<p>The adult dragonfly lives out of the water. It stays near rivers and wetlands ready to lay its eggs.</p> <p>Dragonflies mate on the wing and can live up to 2 months.</p>

8.17 Life cycle of a mosquito work sheet



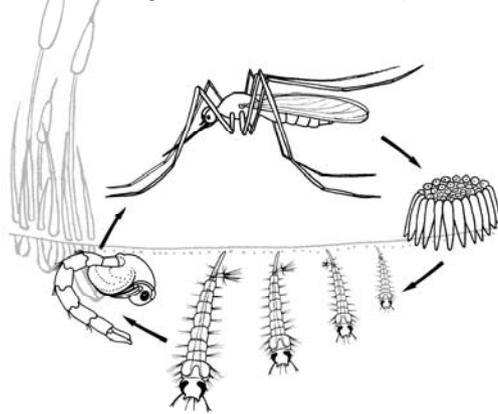
Name:

Date:

Mosquitoes undergo four distinct stages of development during a lifetime. The four stages are egg, larva, pupa and adult. The full life cycle of a mosquito takes about a month.

Label the four stages of the life cycle of a mosquito.

Life Cycle of a Mosquito



Egg

Mating occurs while flying. After drinking blood, adult females lay a raft of 40 to 400 tiny white eggs in standing water or very slow moving water.

Larva

Within a week, the eggs hatch into larvae (sometimes called wrigglers) that breathe air through tubes which they poke above the surface of the water. Larvae eat bits of floating organic matter and each other. Larvae moult 4 times as they grow; after the 4th moult, they are called pupae.

Pupa

Pupae (also called tumblers) also live near the surface of the water, breathing through 2 horn-like tubes (called siphons) on their back. Pupae do not eat.

Adult

An adult emerges from a pupa when the skin splits after a few days. The adult lives for only a few weeks. Adult mosquitoes feed on nectar.