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	ypes of Reproduction in Organisms
	• Asexual reproduction occurs when offspring inherit all of the genetic material from one parent. • Sexual reproduction occurs when each of two parents donates half of their genetic material to produce offspring that are genetically unique.
Rea	ad each description. Decide whether the organism reproduces sexually, asexually, or both.
	Sea trout live in the sea or in estuaries, but they return to freshwater rivers to reproduce. The female sea trout digs a nest in gravel shallows and releases her eggs. One or more males then cover the eggs with sperm. Once the eggs are fertilized, the female covers the eggs with gravel to protect them until they are ready to hatch. Do sea trout reproduce sexually, asexually, or both? Explain how you know.
	Giardia is a parasite that commonly infects humans. If a person accidentally swallows Giardia from a contaminated source, the parasite travels to the small intestine where it begins to feed off and absorb nutrients from the infected person. Giardia multiplies by splitting into two identical copies, a process called binary fission . Giardia infections can be treated with prescription drugs.
	Does <i>Giardia</i> reproduce sexually, asexually, or both? Explain how you know.
	Quaking aspen trees are the most widely distributed tree species in North America. They are dioecious , meaning each tree is either male or female. Both male and female aspens produce hanging flowers called catkins , but only male catkins contain pollen. Fertilization occurs when pollen is transferred from a male to a female by the wind. However, pollination is not necessary for quaking aspens to reproduce. They can also send up new stems from a single root system to create a clone.
	Do quaking aspens reproduce sexually, asexually, or both? Explain how you know.

Do Amazon mollies reproduce sexually, as exually, or both? Explain how you know.