**Before Reading:** Briefly scan the assigned text. Then read the statements and select either agree or disagree. Write a prediction about what you expect to learn from reading the text.

**After Reading:** Reflect on the choices you made prior to reading. Provide an explanation using text evidence to support whether the choice you made prior to reading was correct or incorrect.

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| **Before Reading** | | | **After Reading** | |
| **Agree** | **Disagree** | **Statement** | **Why was my choice correct?** | **Why was my choice incorrect?** |
|  |  | Through reproduction, an individual passes on its genes to the next generation. | “Through reproduction, an individual passes on its genes to the next generation.” |  |
|  |  | All species reproduce sexually in male and female pairs. | “Most species reproduce sexually in male and female pairs.”  “Relatively few species reproduce asexually, or in a way that does not involve male and female partners.” |  |
|  |  | Better-adapted individuals have a greater influence on the genetic makeup of the entire species. | “The better-adapted individuals live long enough to reproduce sexually and pass on more of their genes to the next generation.” |  |
|  |  | Species that reproduce asexually pass on their entire set of genes to the next generation. | “In contrast to sexual reproducers, every organism that reproduces asexually passes on its entire set of genes to the next generation.” |  |
|  |  | It is a disadvantage to be alone when establishing a new territory. | “Since it does not need a sexual partner, a lone individual can establish a new population in a new territory.” |  |
|  |  | It takes longer for organisms that are asexual evolve to changes in their environment. |  |  |

 