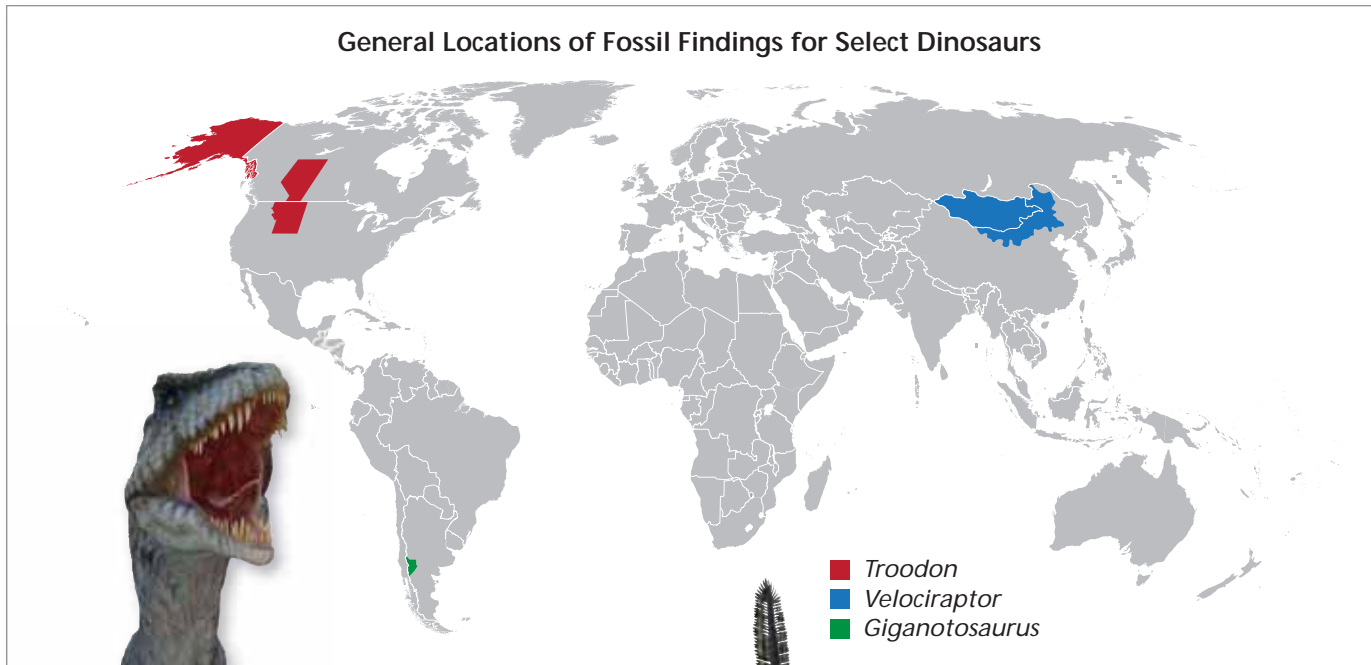


Dinosaurs In Exercises 17–22, use the map. (See Examples 5 and 6.)



17. Use the locations of the fossil findings to infer where each type of dinosaur lived. Outline your inductive reasoning and draw a set diagram for each type of dinosaur.
18. Does the absence of *Velociraptor* fossils in North America prove that *Velociraptor* did not live there? Explain your reasoning.
19. *Giganotosaurus* fossils have been dated to about 100 to 95 million years ago. What can you infer about the time period in which all *Giganotosaurus* lived? Outline your inductive reasoning and draw a set diagram.
20. *Troodon* fossils have been dated to about 75 to 65 million years ago. What can you infer about the time period in which all *Troodon* lived? Outline your inductive reasoning and draw a set diagram.
21. *Velociraptor* fossils have been dated to about 75 to 71 million years ago. Is it likely that *Velociraptor* encountered *Troodon* or *Giganotosaurus*? Explain your reasoning.
22. Research the locations in which *Tyrannosaurus rex* fossils have been found and the time period in which *Tyrannosaurus rex* lived. Is it likely that *Tyrannosaurus rex* encountered *Troodon*, *Velociraptor*, or *Giganotosaurus*? Explain your reasoning.

Contrary to the image popularized by the film *Jurassic Park*, *Velociraptor* actually had feathers.