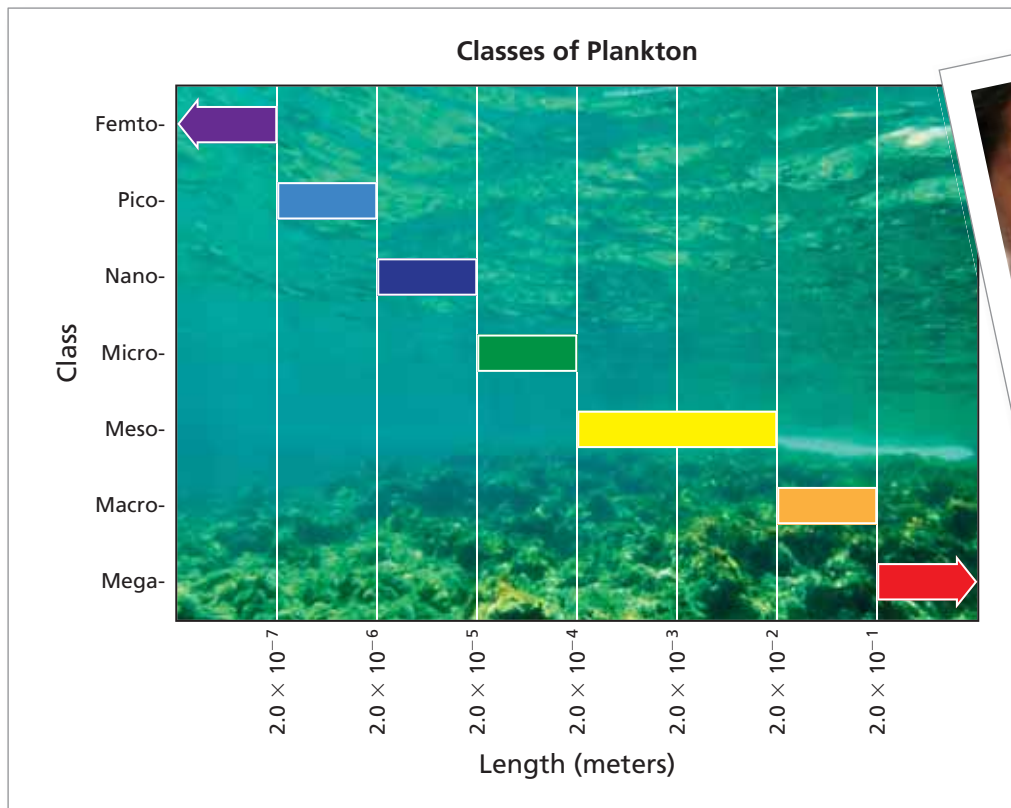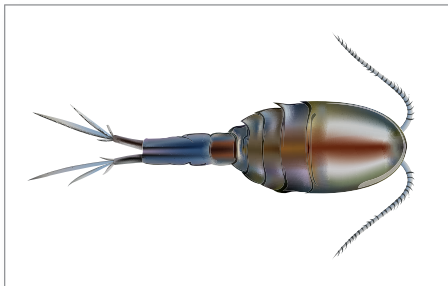**Plankton** In Exercises 9 and 10, write the length of the plankton in exponential notation. Then use the chart to classify the plankton. *(See Examples 3 and 4.)*
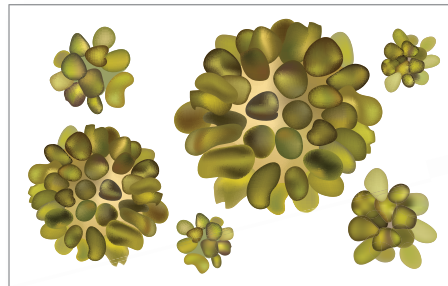
Classes of Plankton

The term *plankton* comes from the Greek word *planktos*, which means "drifter."

9. Copepod: 0.0012 meter

10. Golden algae: 0.0000091 meter

11. Marine Virus Marine viruses are a type of plankton. The length of a marine virus is less than 2.0×10^{-7} meter. Write this number in standard decimal notation and describe it in words. Use the chart above to classify the virus. *(See Examples 3 and 4.)*

12. Blue Whale A blue whale eats about 5000 pounds of plankton per day during a 120-day feeding period. How many pounds of plankton does the whale eat in one feeding period? Write your answer in standard decimal notation and in exponential notation. *(See Examples 3 and 4.)*