Crustaceans

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| **Across**  **3.** six pairs of appenedages, carapace, book gills, and spiked tail  **4.** shrimplike, flattened sides  **5.** carbohydrate that makes up the exoskeleton of arthopods  **7.** flattened bodies, seven pairs of legs  **9.** part of exoskeleton that coves head and chest regions  **12.** jointed appendages, exoskeleton, bilateral symmetry  **14.** cold-water, shrimplike, planktonic crustacean  **15.** overlapping membranes used for breathing and locomotion  **16.** shedding outer covering each year  **17.** overlapping calcium carbonate plates and cirri | **Down**  **1.** base of ocean food chain  **2.** bilateral symmetry, exoskeleton, and two main body segments  **6.** comprises head and chest region  **8.** small paddlelike appendages under the abdomen  **10.** feathery appendages that catch food partacles  **11.** tough body covering of chitin  **13.** long spiked tail used for locomotion |