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Phylum Artropoda

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| **Across****2.** Sac like organs that extract waste from blood**4.** Chewing mouthparts of a crustacean**5.** Used for air to enter/leave a terrestrial arthropod's breathing tubes**12.** Mouthparts of a chelicerate**13.** Used to transport blood throughout an arthropod's body**14.** This system controls the process of molting**15.** Crustacean with five pairs of legs**18.** More than 2000 separate lenses that detect motion and colour**20.** Land arthropods have this to prevent water loss | **Down****1.** The fusion of the head and thorax**3.** Used for respiration in aquatic arthropods**6.** All spiders produce this**7.** Does not grow as the animal grows and is made up of a protein and carbohydrate**8.** The protein and carbohydrate that makes an exoskeleton**9.** Flipperlike appendages used for swimming**10.** This controls and coordinates the muscle groups**11.** During the molting process, it leaves an animal \_\_\_\_\_\_\_\_\_\_**16.** Nerve cells along the ventral cord**17.** Process of which the exoskeleton is shed while a new one is produced**19.** The only type of fertilization terrestrial arthropods are able to do |