Name	Class	Date

Section 28-2 Groups of Arthropods (pages 720-725)

TEKS SUPPORT: 7B Results of natural selection in diversity and adaptation; 8A Classify organisms; 9C Enzymes and food molecules

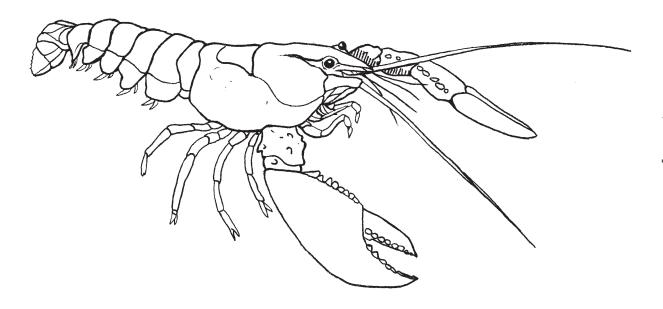
This section explains how arthropods are classified. It also describes the distinguishing features of the three major groups of arthropods.

Introduction (page 720)

1.	What characteristics do biologists use to classify arthropods?
2	Milest and the three major energy of authorized 2
۷.	What are the three major groups of arthropods? a
	b

Crustaceans (pages 720–721)

- 3. Circle the letter of each description of structures that crustaceans typically have.
 - a. two pairs of branched antennae
 - **b.** four or five body sections
 - c. chewing mouthparts called mandibles
 - **d.** two or three body sections
- 4. Label the two body sections of a typical crustacean.



Naı	me Class Date
13.	What arthropods do arachnids include?
14.	How are horseshoe crabs like and unlike crabs?
15.	Why must spiders liquify their food to swallow it?
16.	Circle the letter of each sentence that is true about spiders and silk. a. Spiders spin silk into cocoons for eggs. b. Spinning webs seems to be a programmed behavior. c. Spinnerets are organs that contain silk glands. d. Tarantulas cannot produce silk.
17.	Is the following sentence true or false? Mites and ticks are often parasitic.
	Scorpions have pedipalps that are enlarged into What do ticks transmit that cause Rocky Mountain spotted fever and Lyme disease?
Ins	sects and Their Relatives (page 725)
	Centipedes, millipedes, and insects are all grouped as
21.	Circle the letter of each description of structures that uniramians have. a. one pair of antennae b. unbranched appendages c. mouthparts called chelicerae d. jaws
22.	Why are centipedes restricted to moist or humid areas?
23.	How many pairs of legs does each body segment of most centipedes have? How many pairs per segment do millipedes have?
24.	How many pairs per segment do millipedes have?