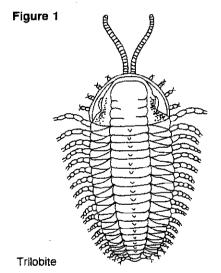
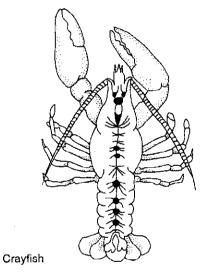
Name	Class Date
CHAPTER 28	SKILL ACTIVITY—
Arthropods	Making comparisons

Investigating Crustaceans

Differences in body form are often observed in animals of the same phylum. In this activity, you will compare segmentation and the development of the members of the phylum *Arthropoda*.

Figure 1 shows a trilobite and a crayfish. Both of these animals are arthropods. The trilobite lived about 300 million years ago during the Paleozoic Era. It is believed to be an ancestor of modern arthropods. The crayfish may have evolved about 225 million years ago. However, the lack of fossil evidence makes it difficult to determine exactly when it first appeared.





Describ	be the features that these organisms have in common.
Rased	on Figure 1, summarize the changes that have occurred during the evolution of
arthrop	

Figure 2 Copepod	Centipede
Are the centipede and the copepod closely related?	
Antenna Cephalothorax	Cephalothorax Head Thorax Abdomen Antenna
Blue crab Compare the cephalothorax and the abdomen of the two	Lobster animals in Figure 3.
ompare their appendages.	