



Name	Date Class
Worksheet 41 Structures of a Spi and a Grasshoppe	
1. Define <i>appendage</i> and discuss the various functions	s of arthropod appendages.
2. What is the evolutionary advantage that jointed a	ppendages gave to arthropods?
3. Define <i>exoskeleton</i> and discuss the evolutionary adv	vantage that it gave to arthropods.
4. Describe the three types of respiratory systems for systems so valuable an adaptation?	und in arthropods. Why are these
5. What is the difference between a simple eye and a	a compound eye?
6. What special appendages are seen in spiders? In g	grasshoppers?
7. Spiders have six or eight simple eyes. Grasshopper three simple eyes. What can you infer about the a from this information? Explain your reasoning.	