

Test your cladogram reading skills

1. What trait distinguishes fungi from all other heterotrophs?
2. Which group has tissues, but is not bilaterally symmetrical?
3. Which three groups share having a mantle, foot, and visceral mass?
4. What trait is common to arachnids, insects, bivalves, annelids, flatworms, and cephalopods?
5. What other groups share this trait?
6. Which four groups are deuterostomes, but lack a bony skeleton?
7. Which group has lungs, but lack a hard-shelled egg?
8. What are the three types of skulls that are more advanced than amphibians?
9. What type of skull do mammals have?
10. Which groups have four-chambered hearts? Why aren't they all grouped together?