

Skeletal Systems

| Endoskeletons | | <p>A fully mature <i>Homo sapien</i> has 206 bones. _____ animals in particular require support, without which they would collapse under their own body weight.</p> <p>_____ animals are able to survive without extensive skeletal systems because the _____ supports their bodies. Both Arthropods and Vertebrates are capable of independent movement because they have _____ that can move parts of their _____. Some invertebrates such as those in the phyla Porifera (sponges) lack skeletal systems altogether. However they have adapted to their aquatic environment and have _____ deposits in their tissues that contribute to support and _____. _____ are the connections between skeletal segments that allow for movement.</p> |
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| Advantages | Disadvantages | |
| 1. | 1. | |
| 2. | 2. | |
| 3. | 3. | |
| 4. | 4. | |
| Organisms with Endoskeletons | | |
| Exoskeletons | | |
| Advantages | Disadvantages | |
| 1. | 1. | |
| 2. | 2. | |
| 3. | 3. | |
| 4. | 4. | |
| Organisms with Exoskeletons | | |
| Composition of Skeletons | | |
| Endoskeleton: | | |
| Exoskeleton: | | |