**EVIDENCE AND CONCLUSIONS**

What evidence supports each conclusion? Match the evidence scientists found within the coprolites and the specific things they concluded about the "bone-crushing" dogs' ecosystem. Note that pieces of evidence can be used to support more than one conclusion and conclusions may be supported by more than one piece of evidence.

| Conclusions |
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| Bone-crushing dogs weighed about 50 lbs, and probably hunted in packs. |
| The dogs marked their territories.  |
| The dogs ate animals much larger than them. |
| Ecosystems were probably disrupted when the dogs went extinct.  |

| Evidence |
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| Some of the bones in the coprolites belonged to animals that weighed 75 lbs or more. |
| About 5% of the coprolites were bone fragments. |
| 14 coprolite fossils were found in the same place. |
| Partially digested bone and feces with bones provide nutrients to an ecosystem in an unusual way. |
| The coprolites came from multiple dogs.  |

Explain why you matched the conclusions and evidence the way you did using what you know about digestion and fossils.

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