

3. Answers will vary. Students should understand that due to the high water content, oxygen and hydrogen are also abundant elements in the body.

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1. Answers will vary. Students should understand that both diamonds and organisms are carbon-based forms, and therefore share similarities on the elemental level.

2. Answers will vary. Students should recognize that carbon must bond readily with other elements and molecules in order to be a part of vastly different entities.



1. Would you expect an organism and a diamond to have similar or different chemical components?
2. If both diamonds and organic matter contain large quantities of carbon, what characteristics do you think carbon must have?
3. Based on what you know about the makeup of the human body, what other elements do you think are abundant in the human body?