

### CHAPTER 2.4: Water

1. Sketch a few molecules of water, indicate their polarity, and where H bonds form.

2. Why is H bonding so important to water's properties?

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3. List a few properties of water and give an example of why the property may be important to living things.

a. \_\_\_\_\_

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b. \_\_\_\_\_

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c. \_\_\_\_\_

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d. \_\_\_\_\_

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Name: \_\_\_\_\_

4. Explain the pH scale.

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5. What is a buffer? How do they work? Why are they necessary in biological systems? Give an example.

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