**INTRODUCTION TO STATISTICS**

**9.1**

**Determine whether the question is a statistical question. Explain.**

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| **1. What is the eye color of sixth grade students?** |
| **2. At what temperature (in degrees Fahrenheit) does water freeze?** |
| **3. How many pages are in the favorite books of students your age?** |
| **4. How many hours do sixth grade students use the Internet each week?** |

**Display the data in a dot plot. Identify any clusters, peaks, or gaps in the data.**

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| **5.**  **Macintosh HD:Users:paulbrown:Desktop:Screen Shot 2018-05-11 at 8.15.48 PM.png** |

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| **Macintosh HD:Users:paulbrown:Desktop:Screen Shot 2018-05-11 at 8.15.59 PM.png6.** |
| **Macintosh HD:Users:paulbrown:Desktop:Screen Shot 2018-05-11 at 8.16.14 PM.png7.** |

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| **Macintosh HD:Users:paulbrown:Desktop:Screen Shot 2018-05-11 at 8.16.22 PM.png8.** |

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| **Macintosh HD:Users:paulbrown:Desktop:Screen Shot 2018-05-11 at 8.16.34 PM.png9. You conduct a survey to answer: “How many hours does a sixth grade student spend on homework during a school night?” The table shows the results.**  **a. Is this a statistical question? Explain.**  **b. Display the data in a dot plot. Identify any clusters, peaks, or gaps in the data.**  **c. Us the distribution of the data to answer the question?** |