**Determine whether each situation calls for a *survey,* an *experiment*, or an *observational study.* Explain your reasoning.**

 **1.** You want to compare the health of students who rid their bike to school to the health of students who drive.

**2.** You want to find out if people who get a full night of sleep before a test get higher scores than people who do not.

**Determine whether each survey question is *biased* or *unbiased*. If biased, explain your reasoning.**

 **3.** What year do you graduate?

 **5.** Do you agree or disagree with the following statement?

 Teachers should not be required to not supervise students during recess.

**4.** Do you think teachers should be required to attend all home and away soccer games?

**6.** Most teenagers sleep during class. Are you one of them?

 **7.** A research group wants to conduct a survey to discover the effects of energy drinks on freshman, suggest a population, determine the population, and give an example survey question.