**Analysis and Interpretations (KEY)**

**Review the following situations and representations. Write conclusive statements for each situation. Make predictions where appropriate.**

1. Kara records the distances walked per week by a random sample of sixth grade students. A histogram representing the data is shown below.



Example conclusion – *More students walked between 1 and 2.9 miles than any other interval.*

Example prediction – *Two or fewer students would walk 11 or more miles.*

1. Terrence surveyed the entire population of high school teachers to determine the preferred vehicle brand. He recorded the preferences using the circle graph below.

Example conclusion – *A total of 28 teachers were surveyed.*

Example prediction – *A new survey of 70 teachers would show about 30 teachers for Chevrolet.*