

Finding the Percent

Write an algebraic equation for each question below, and then solve it.

- [1] 50 is what percent of 800? [5] What percent of 35 is 1.4?
- [2] 26 is what percent of 39? [6] What percent of $\frac{4}{5}$ is $\frac{1}{8}$?
- [3] 144 is 18% of what number? [7] 0.12 is what percent of 40?
- [4] What is 80% of 42? [8] What percent of $4\frac{1}{2}$ is $2\frac{1}{2}$?

A survey of Mr. Miller's homeroom was taken, asking how many television sets they had at home. From the results, the bar graph below was produced. Answer each of the following.

- [9] What percent of Mr. Miller's homeroom students have 3 television sets at home?
- [10] What percent of Mr. Miller's homeroom students have 2 or less television sets at home?
- [11] Eight of the students that indicated that they had only 1 television set at home also said that this set was located in their living room? What percent of those with only one television set does this represent?

