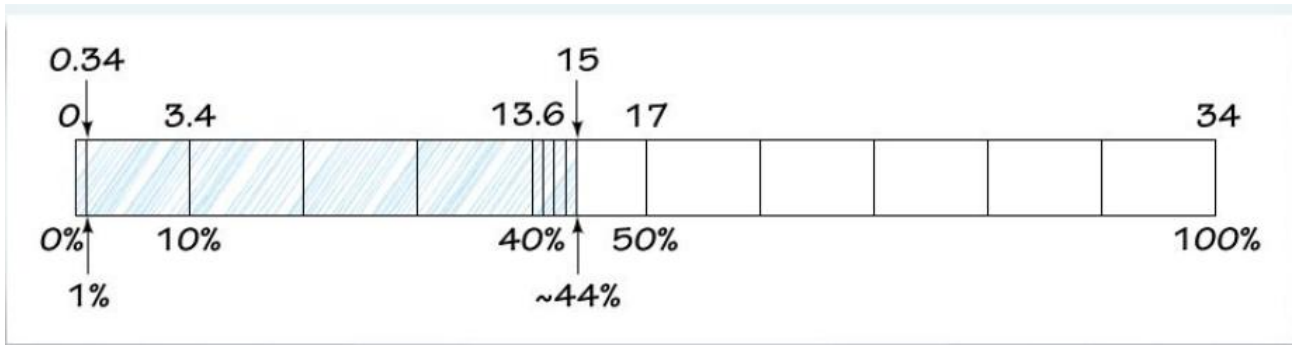


Labsheet 4.2**Genetic Traits pages 99-100****Traits Observed in a Middle School Classroom**

Trait	Yes	No	Total
Attached Earlobes	12		30
Dimples	7		30
Straight Hair	24		30
Widow's Peak	17		30

1. Complete the table above.
2. For each trait, use a percent bar or another strategy to estimate the percent of people in the class who have that trait.
3. Using the percents from part (2) as rates, how many people in a school of 500 are likely to have a widow's peak?

B. Marjorie wanted to find the percent of students in her class with dimples. She said that she could get a very good estimate of the percent of students with any trait by using a bar with a mark for 1% like the one below.



1. How many students are in Marjorie's class?
2. How did Marjorie figure out that 3.4 is at the 10% mark and 13.6 is at the 40% mark?
3. How many students in Marjorie's class have dimples?
4. About what percent of students in Marjorie's class have dimples?
5. How do you think Marjorie found that percent?
6. Are dimples more common in Marjorie's class than in your class? Explain.