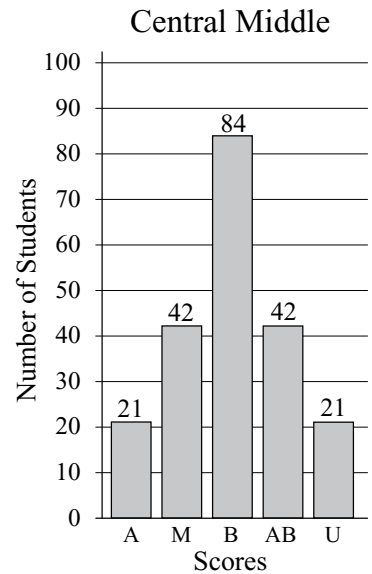
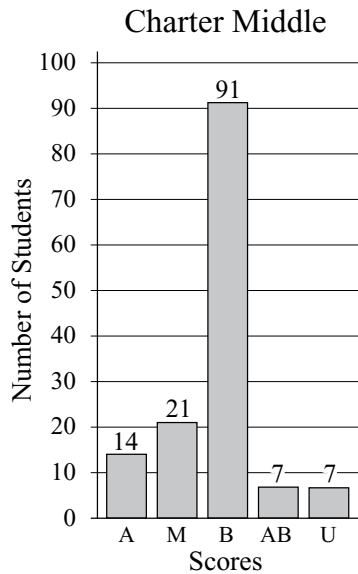
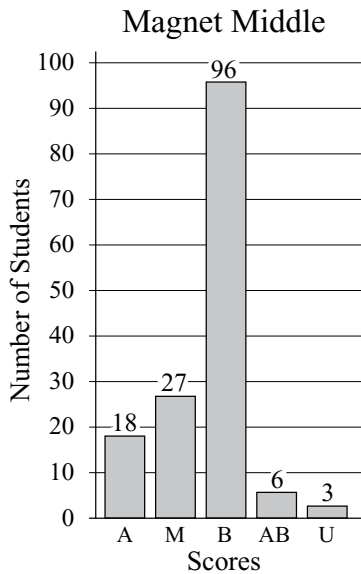


## ACTIVITY

**32.** Wilson Parish has three middle schools. The graphs below show results of last year's 8<sup>th</sup> Grade LEAP for those schools.

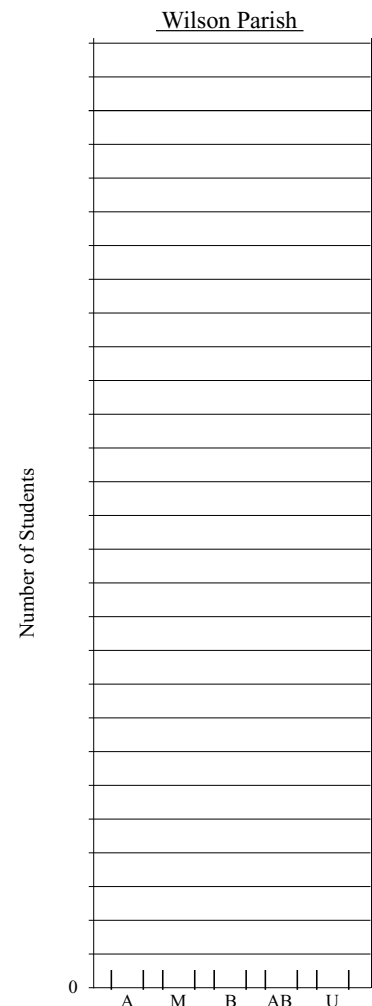


- Which school had the highest percent of students scoring Basic (B)?
- For the three schools, what is the average (mean) percent of Basic (B) scores?
- For each school, what fraction of the students scored above Basic (A or M)? Write your answers in simplest form.
- Using your copy of the format shown at right, construct a bar graph to represent last year's 8<sup>th</sup> Grade LEAP data for all of Wilson Parish.

Hint: First, find the total number of students in the Parish who made each of the five scores, so you can select an appropriate number scale for your graph. (See page C-6 for copymaster.)

- Write numbers to identify intervals on the number scale.

*Continued on next page.*



- f. Draw a bar for each score. Estimate heights as closely as possible.
- g. At the top of each bar, write the actual number of students who made that score.
- h. What percent of all students in the parish who took the test scored Basic (B)? Compare this with your answer to part b.  
(Should the two percents be the same? If so, what went wrong? If they don't necessarily have to be the same, explain why.)
- i. Which of the three school graphs "looks like" the graph for the whole parish?  
In what ways are they alike?  
In what ways do the other two school graphs "look" different from the parish graph?