Maps, Charts, & Graphs
Worksheet 1

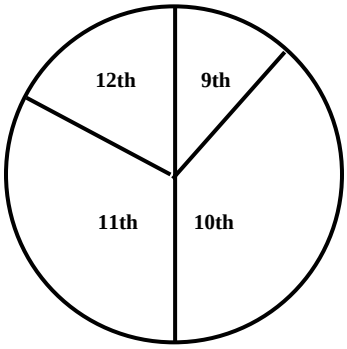
Choice *E*, in multiple-choice questions, is always: *I request help from the teacher*.

You may mark E in addition to one other choice if you think that you have the right answer to the question but you do not feel that you have a complete understanding of the problem.

Your teacher will decide whether to use the two-point or four-point scoring rubric for problems that use numbers, pictures, or words to justify/explain your answer(s). You may request help for these questions, too. Write the word "teacher" by your answer(s).

1. The circle graph below represents the number of students at Western High School in Enigma, Ohio. Western replaced Etna High when it was abandoned. The total school population of Western High School is 1,000. Which statement is true?

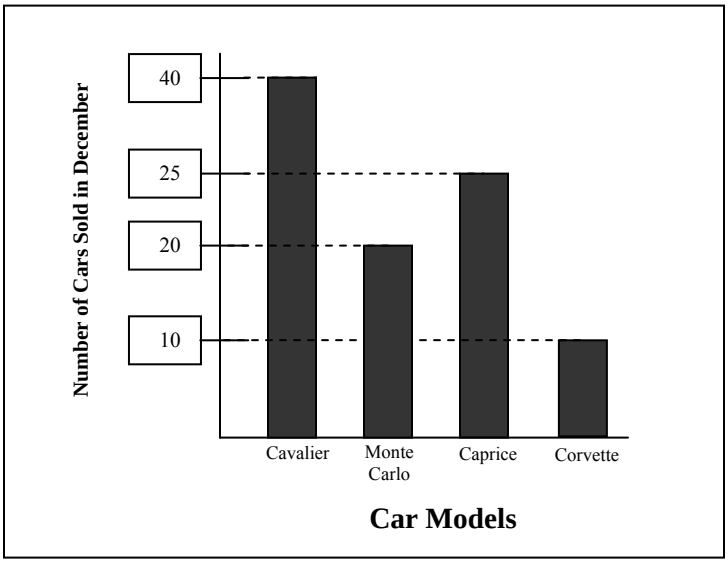
    A. There are more than 250 9th graders.
    B. There are more than 510 10th graders.
    C. There are more than 250 10th graders.
    D. There are less than 200 11th graders.
    E. Teacher



2. Using the graph in Exercise 1, again, which statement is true?

    A. Number of 9th graders > number of 10th graders.
    B. Number of 9th graders + number on 10th graders < number of 11th graders.
    C. Number of 12th graders > number of 10th graders.
    D. Number of 10th graders > number of 9th graders.
    E. Teacher

Use the bar graph and the information below for exercises #3 - #6.



The Grand River Chevrolet Dealership showed its December sales in the given bar graph.

- The average Cavalier sells for $17,000.
- The average Monte Carlo sells for $22,000.
- The average Caprice sells for $26,000.
- The average Corvette sells for $35,000.

3. Using the average selling prices listed above, which statement is true?

   A. Monte Carlo sales were $90,000 more than the Corvette sales.
   B. Corvette sales were $130,000 more than the Monte Carlo Sales.
   C. Monte Carlo sales were $13,000 more than Corvette sales.
   D. The sales of the Monte Carlos and Corvettes were the same.
   E. Teacher.

4. How many cars were sold at the Grand River Chevrolet Dealership during the month of December?

   A. 90 B. 95 C. 100 D. 85 E. Teacher

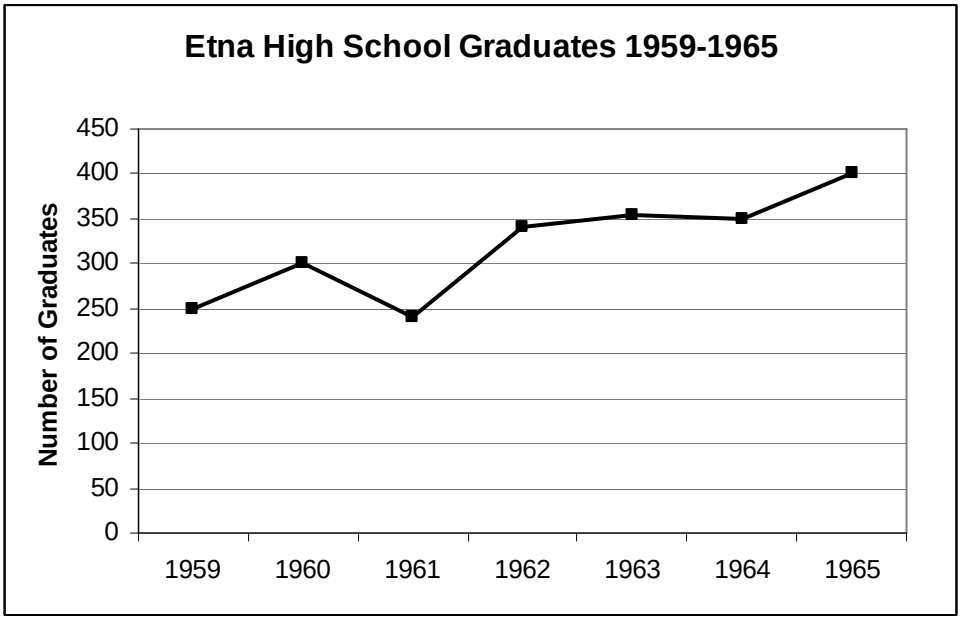
5. Which statement is false?

   A. There were twice as any Monte Carlos sold than Corvettes during the month of December.
   B. There were four times as many Cavaliers sold than Corvettes during the month of December.
   C. There were twice as many Cavaliers sold than Monte Carlos during the month of December.
   D. There were three times as many Caprices sold than Corvettes.
   E. Teacher

6. What was the difference between the number of Corvettes and the number of Caprices sold in December?

   A. 20 B. 15 C. 30 D. 5 E. Teacher

Use the following graph for exercises #7 - #10.



7. Between which two years did the number of graduates decrease?

   A. 1961-1962 B. 1960-1961 C. 1962-1963 D. 1964-1965 E. Teacher

8. Estimate the number of graduates between and including 1959 and 1965.

   A. 3,000 B. 2,500 C. 2,200 D. 1,000 E. Teacher

9. Between which two years was the change the least?

   A. 1963-1964 B. 1962-1963 C. 1959-1960 D. 1960-1961 E. Teacher

10. Between which two years was there the biggest change?

    A. 1959-1960 B. 1960-1961 C. 1959-1960 D. 1961-1962 E. Teacher