Maps, Charts, & Graphs
Worksheet 2

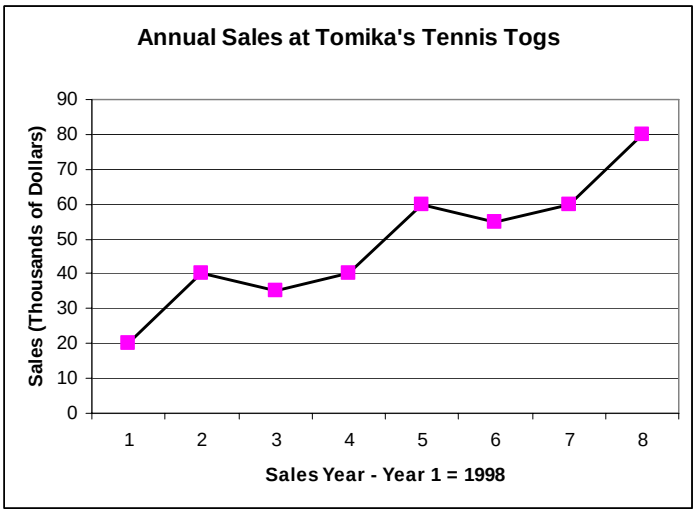
Choice *E*, in multiple-choice questions, is always: *I request help from the teacher*.

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).

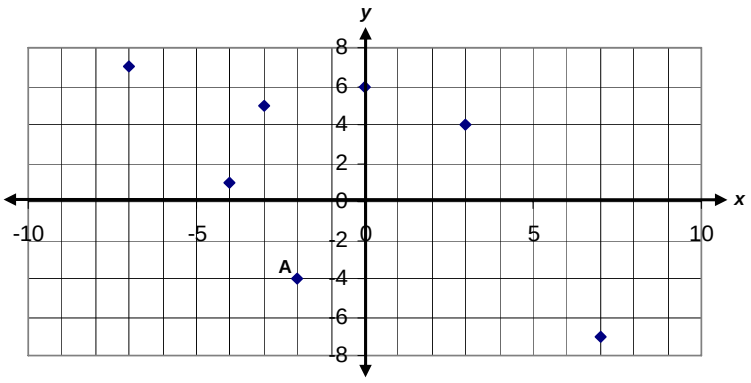
1. The graph shows annual sales at Tomika's Tennis Togs during its first eight years of business. According to the graph, which prediction is reasonable for the annual sales in Year 9?

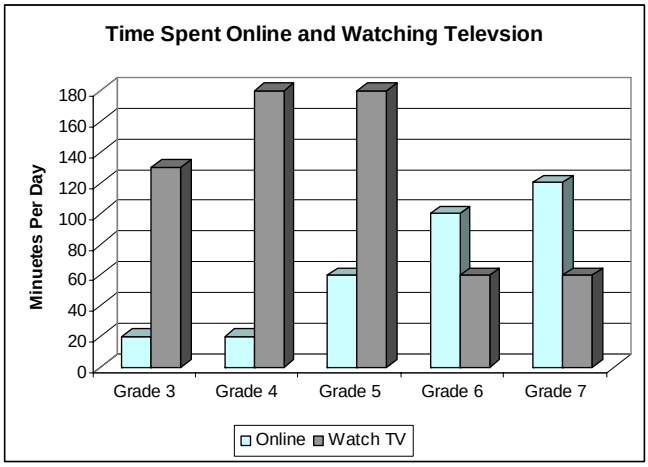
   A. $ 75,000
   B. $ 80,000
   C. $105,000
   D. $120,000
   E. Teacher



2. Point A is shown on the coordinate grid. Which ordered pair represents point A?

   A. (2, 4)
   B. (– 2, 4)
   C. (– 4, – 2)
   D. (– 2, – 4)
   E. Teacher





3. The double bar graph shows the average amount of time students in five different grades spend watching television and using the Internet online each night. Which grades spend the most time watching television shows each night?

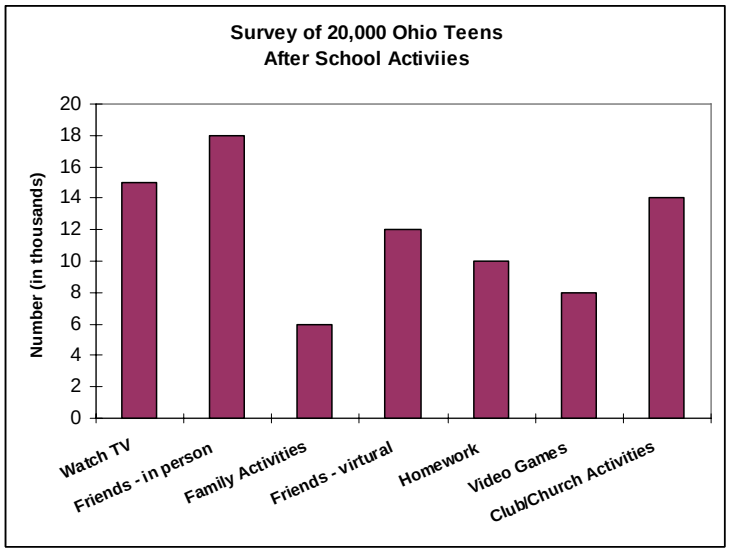
   A. Grade 3 and 4
   B. Grade 4 and 5
   C. Grade 5 and 6
   D. Grade 6 and 7
   E. Teacher

4. Chris decided to rate the performers on his fifteen favorite audio CDs. He used a scale of 0 to 100 with 0 as the poorest possible rating. His ratings for 15 performers are shown in the table. Create a histogram with five intervals that represent Chris's data. Include a title and labels.

Performer Ratings	78	80	95	98	70	63	90	51	68	89	91	77	82	59	86

5. A newspaper surveyed 20,000 Ohio teens to learn what kinds of activities they were doing on week-days after school. The graph shows the results. According to the results in the graph, which statement is NOT true?
   Note: this data is fictional.

   A. More than half of the surveyed teens play video games in the evenings.
   B. Teens choose more than one activity in the evenings.
   C. About three quarters of the surveyed teens watch television in the evening.
   D. More teens choose to interact with their friends than watch TV.
   E. Teacher



6. The scale for a map of Ohio (not shown) is 1 inch = 40 miles. If Enigma, Ohio is $3\frac{1}{4}$ inches from Dayton, Ohio, how many miles apart are the two cities?

   A. 120 mi. B. 160 mi. C. 130 mi. D. 400 mi E. Teacher

Use this chart for exercises #7 - #9.

Etna High Dropout Rates	
Year	**Dropout Rate**
1959	13 %
1960	11 %
1961	10 %
1962	9 %
1963	7 %
1964	4 %
1965	2 %

7. Between which years was there the most change?

A. 1964-1965 C. 1959-1960
B. 1963-1964 D. 1961-1962
E. Teacher

8. Between which of the following years was there the least change?

A. 1961-1962 C. 1959-1960
B. 1964-1965 D. 1962-1963
E. Teacher

9. Between 1959 and 1965 what was the change in the dropout rate? Use pictures, numbers, or words to justify your answer.

10. Use the grid below. Pi – Town is located in section…

A. E-2 B. A-7 C. A-5 D. E-5 E. Teacher

