Table of Contents

Practice 24 ❧ ❧ ❧ ❧ ❧ ❧ ❧ ❧ ❧ ❧ ❧ ❧ ❧ ❧

Directions: A line graph illustrates change over time. This graph illustrates human life expectancies at times from 400 B.C. in Greece to A.D. 2000 in the United States. Use the graph to answer these questions.

Estimated Life Expectancy
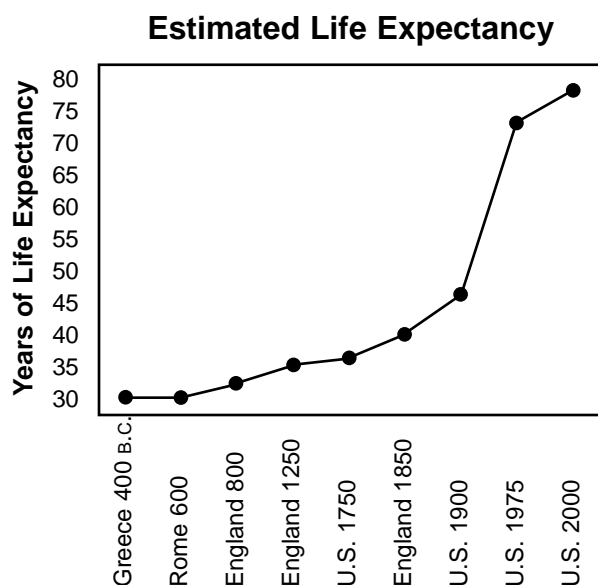
1. What was the life expectancy in England about the year 1250? _____

2. What was the average age a person lived to in Greece in the year 400 B.C.? _____

3. In what country and year was the life expectancy 47 years? _____

4. What is the difference in average life expectancy from Greece in 400 B.C. to the United States in 2000? _____

5. In what year in the United States was the life expectancy 36 years? _____

6. In what century did life expectancy increase 30 years? _____

7. How many years did it take for life expectancy to increase from 30 years in Greece to 40 years in England? _____

Directions: The double line graph shows the number of home runs hit by the home run leader in each league for a 10-year period. Study the graph and answer these questions.

Annual Home Runs
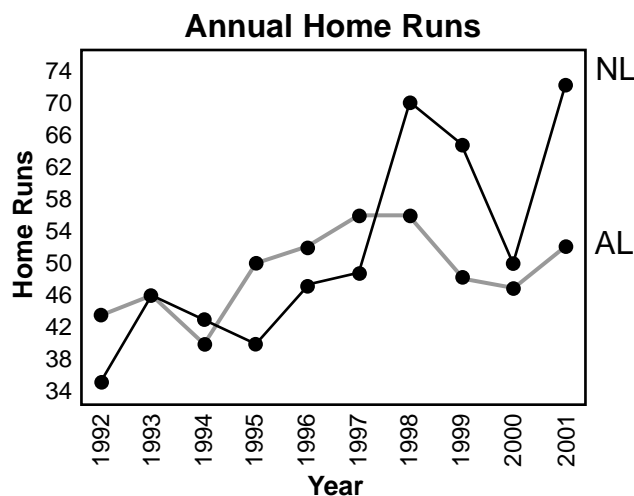
8. In which year were the most home runs hit by one batter? _____

9. In which year did the American League (AL) leader and the National League (NL) leader hit the same number of home runs? _____

10. In which two years did the American League leader hit 56 home runs? _____

11. In what year did the American League leader hit only 40 home runs? _____

12. In which year were the fewest total home runs hit by the leaders in the two leagues? _____

13. In which five years did the National League leader hit more home runs than the American League leader? _____

_____

14. In which four years did the American League leader hit more home runs than the National League leader? _____

_____

15. Which league's leaders hit more home runs over the 10 year period? _____

Practice 28 ⓐ ⓔ ⓐ ⓔ ⓐ ⓔ ⓐ ⓔ ⓐ ⓔ ⓐ ⓔ ⓐ ⓐ ⓔ

The Lawn Magicians are three fifth grade friends who earn money mowing their neighbors' lawns. They charge by the square foot so they have to know the area of each lawn they mow.

Directions: Help the Lawn Magicians compute the area of each lawn described below.

Remember These Formulas: Area of a rectangle = base times height; Area of a parallelogram = base times height; Area of a triangle = base times height divided by 2
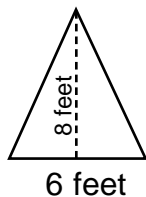
1. Mr. Steven's yard is a parallelogram 9 feet high and 15 feet at the base. What is the area of his lawn? _____

   9 feet
   15 feet
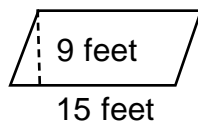
2. Mrs. Frank's rectangular lawn measures 12 feet by 6 feet. How many square feet does it cover? _____
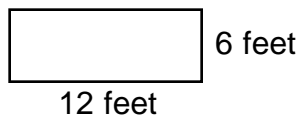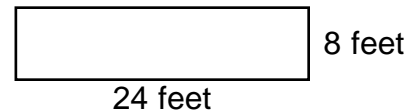
   6 feet
   12 feet

3. Mr. Ellis's lawn is shaped like an isosceles triangle. It has a height of 8 feet and a 6 feet base. What is the area of his lawn?

   _____

   8 feet
   6 feet

4. Mrs. Sharp's lawn is a triangle with a height of 16 feet and a base of 17 feet. How many square feet will the Lawn Magicians mow?

   _____

   16 feet
   17 feet
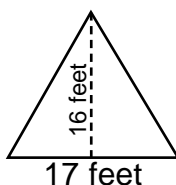
5. The Lawn Magicians mowed their next door neighbor's rectangular lawn which was 8 feet by 24 feet What was the area in square feet? _____

   8 feet
   24 feet

6. Mr. Potter's lawn was a parallelogram 8 feet high and 9 feet at the base. How many square feet did the lawn cover?

   _____

   8 feet
   9 feet
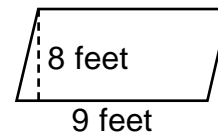
7. Ms. Breen's lawn was shaped like a parallelogram with a height of 16 feet and a base of 20 feet. What was the area in square feet? _____

   16 feet
   20 feet
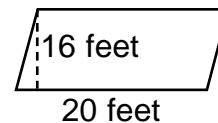
8. Mrs. Ricardo's lawn was square. It was 13 feet on each side. How many square feet did the Lawn Magicians have to mow?

   _____

   13 feet