2.4 Practice   Name _____

Pick a variable, explain what the variable represents, and
translate each problem to an equation and SOLVE.

1. What percent of 240 is 60?   Explain Variable_____

                                                Equation _____

                                                Answer _____

2. What percent of 160 is 56?   Explain Variable_____

                                                Equation _____

                                                Answer _____

3. What number is 65% of 2?   Explain Variable_____

                                                Equation _____

                                                Answer _____

4. 26.25 is 17.5% of what number?   Explain Variable_____

                                                Equation _____

                                                Answer _____

5. What number is 4% of 840?   Explain Variable_____

                                                Equation _____

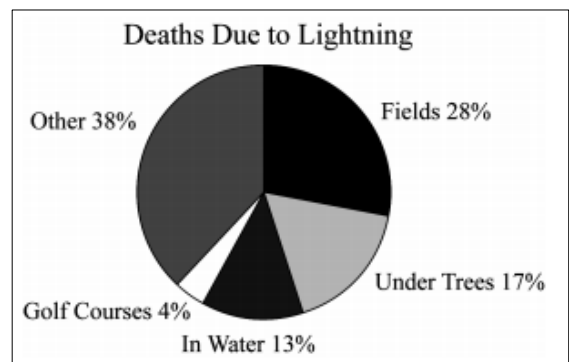   Answer _____

Pick a variable, explain what the variable represents, and translate each problem to an equation and SOLVE.

6. Of the 8760 hours in a year, one television was on for 2628 hours. What percent is this?

7. Jeanne left a 12% tip on a meal. Including the tip, its cost was $50.40. What was the cost of the meal before the tip?

Lightning strikes kill people in various locations. The graph details these locations and the percentage of lightning deaths that occur.
From 1960 to 1992, there were 2897 people killed by lightening. In each of Exercises 11–13, determine the number of people killed from 1960 to 1992 in each location. Round to the nearest whole number.

8. In fields

9. Under trees

10. At golf courses