



Name _____ Date _____

Problem Solving: Use Equations for Comparison Problems

CA Standards
MR 2.3, KEY AF 2.0

Write an equation to solve each problem. Use a as the variable in each equation. Solve the equation.

1. During the last thirty years, Best in Show at the Westminster Kennel Dog Show has been won by terriers at 8 shows and by spaniels at 5 shows. At how many more shows have terriers won than spaniels?

3. Since 1930, Norwegian elkhounds have won in the Hound Group 3 times more than basset hounds. Norwegian elkhounds have won the Hound Group in 15 shows. In how many shows have basset hounds won the Hound Group?

5. The first Westminster Dog Show was held in 1877. There were 1,177 dogs entered in the show. One hundred years later, in 1977 there were 2,624 dogs entered in the show. Today there is a limit of 2,500 dogs. How many more dogs were entered in the 1977 show than in the 1877 show?

2. Mrs. James Edward Clark has been a judge at 23 Westminster Dog Shows. J. D. Jones has been a judge at 2 shows. How many more shows has Mrs. Clark judged than Mr. Jones?

4. Best of Group in the Toy Group often goes to Pekingeses, toy poodles, and Pomeranians. Since 1924, the award has gone to a toy poodle at 10 shows. A Yorkshire terrier has received the award only half that many times. At how many shows has the toy Group award gone to a Yorkshire terrier?

6. For the first hundred years of the show, it was held in Gilmore's Garden 3 years, in the American Institute 3 years, and in the New Grand Central Palace 4 years. The show was at a location called Madison Square Garden all the *other* years. During the first hundred years, how many times was the show held in Madison Square Garden?
