

Dogs and squirrels and Toyotas

- 1) Thirty percent of dogs weigh more than 60 pounds, and 45% of dogs weigh less than 20 pounds. What percent of dogs weigh between 20 and 60 pounds?
- 2) Thirty-five percent of large dogs like to chase squirrels, and 11% of small dogs like to chase squirrels. What percent of medium-size dogs like to chase squirrels?
- 3) Suppose that 22% of all cars are Toyotas. Suppose further that 15% of all Toyotas are magnetic gray.
 - a) What percent of all cars are magnetic gray Toyotas?
 - b) What percent of all cars are magnetic gray?
- 4) Suppose that 35% of big dogs like to chase squirrels, 19% of medium dogs like to chase squirrels, and 11% of small dogs like to chase squirrels. Also using the numbers from problem #1, find the percent of ALL dogs like to chase squirrels.
- 5) Suppose that 4% of non-Toyotas are magnetic gray. Also, using the numbers from problem #3, find the percent of all cars are magnetic gray.