

THE STORY

Spot, Fido and Duke were three dogs of varying sizes. They weighed 60, 40 and 20 pounds. They spent their days doing exactly the same things, but no dog spent the same amount of time doing any one thing as any other dog. They spent 10, 8 and 6 hours sleeping. They spent 10, 8 and 6 hours barking. They spent 10, 8 and 6 hours scratching. Based on the clues, match the dogs with their weights and how they each spent their 24-hour day.

THE CLUES

1. Subtract Spot's weight from Fido's weight to determine Duke's weight.
2. Spot and Fido spent a combined total of 18 hours sleeping.
3. Spot and Duke spent a combined total of 18 hours barking.
4. Duke scratched more than Fido, and the lightest dog slept the least.

Spot	Fido	Duke
60 pounds	60 pounds	60 pounds
40 pounds	40 pounds	40 pounds
20 pounds	20 pounds	20 pounds
10 hrs. sleeping	10 hrs. sleeping	10 hrs. sleeping
8 hrs. sleeping	8 hrs. sleeping	8 hrs. sleeping
6 hrs. sleeping	6 hrs. sleeping	6 hrs. sleeping
10 hrs. barking	10 hrs. barking	10 hrs. barking
8 hrs. barking	8 hrs. barking	8 hrs. barking
6 hrs. barking	6 hrs. barking	6 hrs. barking
10 hrs. scratching	10 hrs. scratching	10 hrs. scratching
8 hrs. scratching	8 hrs. scratching	8 hrs. scratching
6 hrs. scratching	6 hrs. scratching	6 hrs. scratching