AMERICAN Kennel Club

Laura's family decided to add another member to their household-a dog. After numerous family discussions, Laura’s family decided that an adult dog would best fit their lifestyle. Laura's parents work and don't have time to house-train a puppy. Furthermore, Laura's parents wanted a non-shedding dog. Laura wants a dog small enough to cuddle up in her lap.

After several months of researching different breeds of dogs, Laura's family decided to get a Toy Poodle. Laura visited the AKC Web site and found the phone number for Toy Poodle rescue. Now Laura has a new best friend, "Midge," a 2-year-old Toy Poodle.

1. Laura's parents gave her a budget of $\$ 100.00$ to purchase start-up supplies. Laura has already spent $\$ 45.00$ for a leash, collar, bowls, and a dog bed. She still needs to buy a dog crate and toys. The dog crate will cost $\$ 48.00$. How much money will Laura have left for dog toys?
2. Laura is trying to figure out how much each of the items she purchased costs. The following prices appeared on the receipt: $\$ 3.50, \$ 48.00, \$ 6.50, \$ 20.00, \$ 28.00$.

- The crate was the most expensive item.
- The dog bed was twice the combined price of the leash and collar.
- The collar was the least expensive item.
- The total price for the dog bed and the dog food equaled the price of the crate.

Using the above information, fill in the price of each item.

| Item | Price |
| :--- | :--- |
| Food | $\$$ |
| Dog Bed | $\$$ |
| Crate | $\$$ |
| Leash | $\$$ |
| Collar | $\$$ |

3. Laura's mom took Midge to the vet for a check-up and vaccinations. Because Midge was a rescue dog, the vet decided to give them a 20 percent discount. How much money did Midge's family save on the $\$ 84.00$ vet bill?
4. The next time Midge went to the vet, they noticed the vet had given them another discount. The bill was for $\$ 52.70$, after a savings of $\$ 9.30$. What percent discount did Laura's mom receive?
5. Midge eats 1.25 bags of food per month. The 8 -pound bag costs $\$ 8.49$. How much does it cost to feed Midge every year?
6. Midge enjoyed 15 fulfilling years with her family. How much did Laura have to pay for food over the dog's lifetime?
7. While shopping, Laura noticed that Midge's dog food came in three different sized bags. The 8 -pound bag costs $\$ 8.49$, the 20 -pound bag is on sale for $\$ 18.00$, and the 38 -pound bag costs $\$ 33.99$. What is the price per pound of each bag?
8. Laura lost her receipt from the dog store. She remembers that she bought dog food and two flea collars and the total purchase was $\$ 31.00$. The dog food cost $\$ 20.00$. How much was each flea collar?
9. $\$ 7$
10. 

| Item | Price |
| :--- | :--- |
| Food | $\$ 28.00$ |
| Dog Bed | $\$ 20.00$ |
| Crate | $\$ 48.00$ |
| Leash | $\$ 6.50$ |
| Collar | $\$ 3.50$ |

3. $\$ 16.80$
4. $15 \%$
5. $\$ 127.35$
6. $\$ 1,910.25$
7. 8 lb . costs $\$ 1.06 / \mathrm{lb}$.; 20 lb . costs $\$ 0.90 / \mathrm{lb} . ; 38 \mathrm{lb}$. costs $\$ 0.89 / \mathrm{lb}$.
8. $\$ 5.50$ for each collar.
