

7. Tourist: “How many monkeys and elephants do you have in your zoo?” Zookeeper: “There are 20 tails and 56 feet.” Tourist: “I can’t tell from that!” Zookeeper: “Oh, yes, you can!” Find the number of each.

8. Suppose you have a total of 37 coins made up of only quarters and dimes. The total value of the coins is \$7.00. How many quarters and how many dimes do you have?

SOLUTIONS:

1. The numbers are 1 and -8.
2. You should use 3 pounds of raisins and 6 pounds of Chex.
3. The jeans cost \$15 each while the t-shirts cost \$8 each.
4. The lot is 55ft wide and 112ft long.
5. If you purchase merchandise worth a retail price of \$800, you will end up spending only \$750 at either store (including the membership fee).
6. You should consume 1 Snickers and 3 Cliff bars.
7. There are 12 monkeys and 8 elephants.
8. You have 15 dimes and 22 quarters.