

Problem Solving: Using Logical Reasoning

TAKS Objective 6
TEKS 3.15

Solve. Use the Ask Yourself questions to help you.

1. Tom and Reginald ordered two sandwiches. One had chicken on it and the other had peanut butter. Reginald is allergic to peanuts. What sandwich did Tom get?

3. Kurt, Dan, and Tanisha went to the frozen yogurt stand. They bought one vanilla, one chocolate, and one peach flavored frozen yogurt. Kurt likes fruit flavors and Dan only ever gets vanilla. Which person bought the chocolate yogurt?

5. Alex is going to buy T-shirts for his friends Joel, Mary, and Ron. One T-shirt will be red, one will be blue, and the other will be green. Mary doesn't like red. Joel doesn't like red or blue. List the friends and the shirt that they received.

2. Sally and Mae are having milkshakes. One milkshake is chocolate and the other is strawberry. Mae never has fruit in her milkshakes. What milkshake did she get?

4. Tony, Cletus, and Jasmine all love going to the fair. One person has been twice, one person has been 7 times, and one person has been 10 times. Tony has been to the fair an odd number of times. Jasmine has gone less than anyone else. How many times has Cletus been to the fair?

6. Kevin, Nick, and Susie are all discussing their favorite types of books—history, fantasy, and science fiction. Nick reads anything that's fiction. Susie really likes fantasy books. List the friends and their favorite type of book.
