

Homework Practice**3MR1.1, 3NS2.1***Problem-Solving Investigation*

Use any strategy shown below to solve. Tell what strategy you used.

- Make a model
- Make a table
- Work backward
- Guess and check
- Work a simpler problem
- Make a list

1. There are 5 small bags of banana chips, 8 small bags of pretzels, and twice as many packets of nuts in the pantry. How many bags of snacks are in the pantry?

2. The baby's quilt is 2 feet wide by 3 feet long. Mark's mom offered to make one twice as big. What will the perimeter of the new quilt be?

3. The combined age of Irene's pets is 23 years. The cat is 5 years older than the dog. If the dog isn't 10 yet, how old could the cat be?

4. Marta has 2 dimes, 4 nickels, a quarter, and 10 pennies. Does she have enough to buy an apple that costs 75 cents?

5. Tara gets to her hotel at 11:15 A.M. She was traveling for 1 hour 45 minutes. At what time did Tara start traveling?

6. If you add 54 to a number, subtract 29, and the result is 30, what was your original number?

Describe the probability. Write *certain*, *likely*, *unlikely*, or *impossible*. (Lesson 11-4)

- 7.** You will land on a weekday _____
- 8.** You will land on a weekend day _____
- 9.** You will land on a month of the year _____
- 10.** You will land on a day that is either a weekday or weekend day _____

