

Problem Solving: Missing or Extra Information

Aiko bought 6 red balloons and 11 clear balloons for a party. During the party, 3 clear balloons burst but none of the red balloons did. How many clear balloons did Aiko have after the party?

Read and Understand

What do you know?

Aiko bought 6 red balloons.

Aiko bought 11 clear balloons.

Three clear balloons burst during the party.

No red balloons burst during the party.

What are you trying to find?

The number of clear balloons remaining after the party

Plan and Solve

Draw a picture of what you know.



Solve the problem.

$$11 - 3 = 8$$

Write the answer in a complete sentence.

Aiko had 8 clear balloons after the party.

Look Back and Check

Is your answer correct?

Yes, $8 + 3 = 11$

Look back at the items listed in “What you know.”

1. What information helped you solve the problem?

2. What information did **NOT** help you solve the problem?

Name _____

Problem Solving: Missing or Extra Information

Decide if each problem has extra or missing information.
Solve if possible.

1. It takes 4 hours to drive from Boston to New York. Jordan has a meeting in New York at 2:00 P.M. Can she arrive at her meeting on time?

2. Franco hikes 4 miles each day for 5 days. He carries 100 ounces of water with him. It takes him 1 hour to hike 4 miles. How many hours did he hike in 5 days?

3. Write a real-world problem that gives extra information. Under the problem write what the extra information is.

4. Jorge buys T-shirts for \$4 each and paints designs on them. He sells the designed T-shirts for \$7 each. What information is needed to find how much profit he makes in one week?

- A The price of T-shirts at a store
- B The color of the T-shirts that he buys
- C The types of designs he draws on the T-shirts
- D The number of T-shirts he sells in one week

5. Krista can type 60 words per minute. She wrote an essay by hand in 5 hours, and it is now 4 pages long and has 500 words in it. She wants to type up her essay. About how long will it take to type her essay? Write what the extra or missing information is. Then solve if possible.
