

# Lesson 2e

**Objective: Find the information needed to solve a problem.**

Complete on a separate sheet of paper and turn in to the basket.

**Warm-up:** Subtract the following problems.

1.  $756,085 - 479,381 =$
2.  $6,872,000 - 2,002,000 =$
3.  $651 - 132 =$
4.  $60,008 - 2,746 =$
5.  $100,000 - 24,700 =$

**When a problem has too much information, you must decide which information is important. When a problem does not give enough information, you must decide what is missing.**

9:00 P.M.	89°	April 16
10:45 p.m.	\$750	\$400

Which of the above information could be used to write questions about the following subjects>

- Length of the movie
- Total cost of a hotel room and airfare
- Rise in temperature

**Example Problem:** At an amusement park 9,576 tickets were sold on Saturday. Ticket sales included adults and senior citizens, and children. There were 3,085 senior citizen tickets sold. There were 1,027 more tickets sold for adults than senior citizens. How many tickets were sold for adults on Saturday?

Write an algebraic equation to represent the problem.

$$N = 3,085 + 1,027$$

What information is not needed?

**Complete Practice 2.6 as a class**

**App on the iPad: MathBoard**

MathBoard

Settings:

- Practice test
- Take the test



**Homework: Relevant Information 2.6**