

PROBLEM SOLVING GRADES 3 AND 4

This workbook is designed to give students practice in developing problem-solving skills. It is designed for the primary-age child and is compatible with classroom instruction. The pages are presented in a suggested order, but may be used in any order which best meets a child's needs.

Parents who wish their children to have practice in problem solving will find the book as helpful as classroom teachers will find it. The exercises are presented so that a child can work with a minimum of supervision.

Answers are included in a four-page leaflet at the end of the book. This leaflet can be easily removed.

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WHAT IS A PROBLEM?

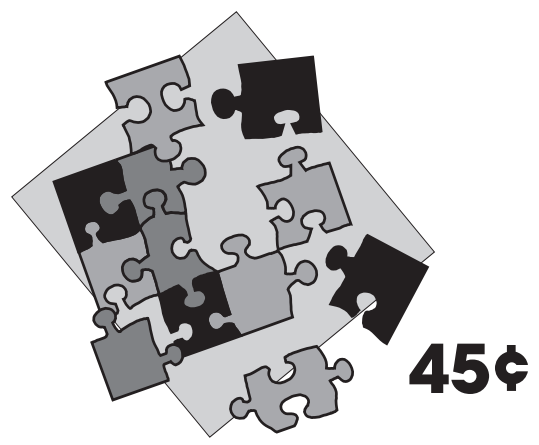
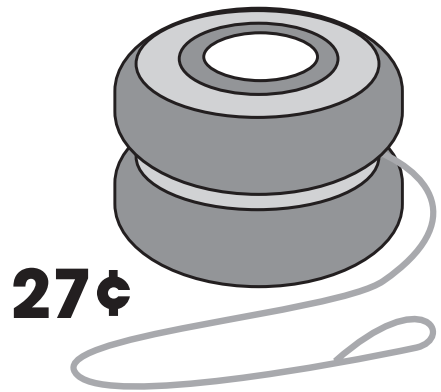
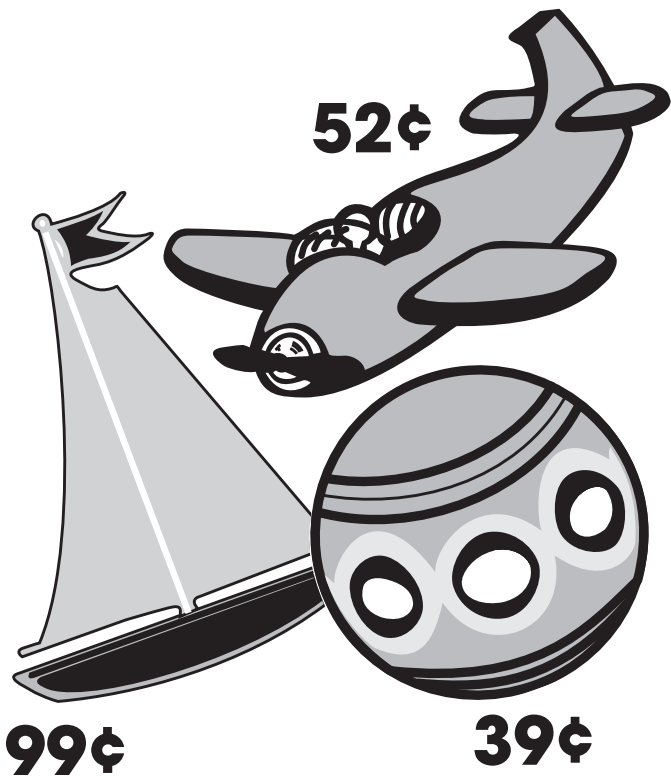
A problem has facts.
A fact tells something.
A problem has a question.
A question asks something.



In the problems below, circle the sentences that tell facts. Draw a line under the question.

1. Ray saved 26 pennies.
Nathan saved 36 pennies.
How many more pennies did Nathan save than Ray?
2. There were 16 birds sitting in a bush.
7 birds flew away.
How many birds were left?
3. Ruth pulled 5 carrots out of the garden.
Then she pulled three more.
What was the total number of carrots she pulled?
4. Kayla ate 1 apple in the morning.
She ate 3 apples in the afternoon.
How many apples did she eat altogether?
5. Jordan has 6 model cars.
He has 5 model airplanes.
How many models does he have in all?

GETTING FACTS FROM A PICTURE.



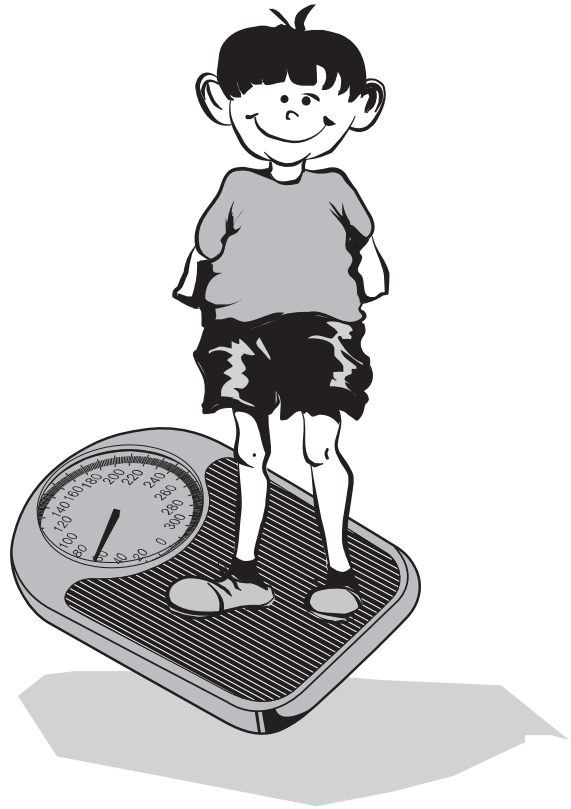
Look at the picture. Answer the questions below.

1. How many toys are in the picture? _____
2. How much does the plane cost? _____ ¢
3. How much does the puzzle cost? _____ ¢
4. Which costs more, the plane or the ball? _____
5. Which costs less, the ball or the yo-yo? _____
6. Which toy costs the most? _____

GETTING FACTS FROM A TABLE.

A table is a kind of picture used to show facts. A table helps put facts in order.

| Name | Weight in Pounds |
|----------|------------------|
| Jonathan | 91 |
| Ivan | 89 |
| Kristina | 68 |
| Rosita | 74 |
| Brian | 93 |
| Emily | 71 |



Use the table to answer the questions below.

1. How much does Jonathan weigh? _____ pounds
2. How much does Kristina weigh? _____ pounds
3. Who weighs less, Jonathan or Ivan? _____
4. Who weighs more, Kristina or Rosita? _____
5. Which of the 6 children weighs the most? _____
6. Which of the children weighs the least? _____
7. Who weighs less, Rosita or Emily? _____
8. Who weighs more, Jonathan or Ivan? _____