

# Homework & Practice 9-6

## Make Sense and Persevere

**Another Look!** Making a list can help you make sense of a problem.



I can use the first clue to make a list of what the answer could be.

Then I can use the second clue to make my list even smaller and find the answer.

82 55 52 47

Ian's number is less than 60.

His numbers could be 47, 52, and 55.

Ian says his number has a 2 in the ones place.

Ian's number is 52.

**HOME ACTIVITY** Tell your child that you are thinking of a number. Give clues to help him or her guess, for example, "It is greater than 70 and less than 80. It has a 5 in the ones place." Continue with other numbers and clues. Switch roles and have your child think of a number and give you clues.



Make sense of the problems to find the secret numbers from the list below. Show your work.

48 98 62 92

1. Ben's number is less than 90.  
His numbers could be \_\_\_\_\_

Ben's number does **NOT** have a 4 in the tens place.

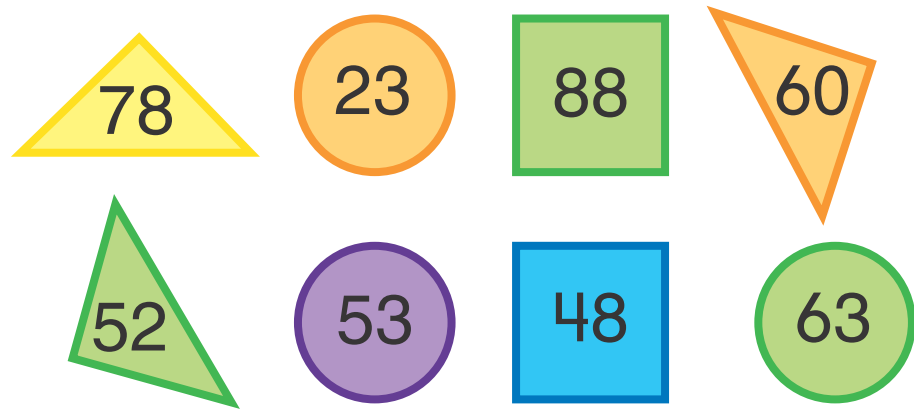
The number is \_\_\_\_\_.

2. Tim's number is greater than 50.  
His numbers could be \_\_\_\_\_

Tim says his number has an 8 in the ones place.

The number is \_\_\_\_\_.

**Numbers in Shapes** Jeffrey chooses a secret number from the choices at right. He gives clues to help you find it. What is the secret number?



Jeffery's Clues:

- The secret number is **NOT** in a green shape.
- The number has a 3 in the ones place.
- The number is greater than 50.

3. **Make Sense** What is your plan for solving this problem?

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4. **Explain** What is the secret number? How do you know your answer is correct?

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Secret number: \_\_\_\_\_