

# Problem-Solving Decision: Relevant Information

**Problem** The library has 2,000 books for sale. The books are sorted into nonfiction, fiction, and children’s books. The children’s books number 500. There are 200 more fiction books than nonfiction books. How many fiction books and nonfiction books are for sale in all?

**UNDERSTAND**

What is the question?

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**PLAN**

What information helps you to solve the problem?

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What information do you **not** need to know?

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**SOLVE**

Draw a model to solve the problem.

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Use the model to write an equation.

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Solve the equation.

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Answer the question.

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**LOOK BACK**

How do you know that you answered the question?

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