

# Solving Word Problems with the Design Recipe

Lesson time: 30-60 Minutes

## LESSON OVERVIEW

Students will continue to practice the Design Recipe with a series of word problems.

## LESSON OBJECTIVES

Students will:

- Design functions to solve word problems.
- Continue to practice writing contracts with more complex scenarios.

## ANCHOR STANDARD

Common Core Math Standards

- **F.BF.1:** Write a function that describes a relationship between two quantities.

*Additional standards alignment can be found at the end of this lesson*

### TEACHING SUMMARY

#### Getting Started

- 1) [Introduction](#)

#### Activity: Solving Word Problems with the Design Recipe

- 2) [Online Puzzles](#)

## TEACHING GUIDE

### GETTING STARTED

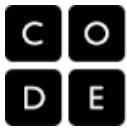
#### 1) Introduction

The students will do lots of dragging and dropping as they fill in the missing pieces of different parts of various contracts. It should be noted that the examples must be filled in completely. The error message when the example is incomplete is "You have a block with an unfilled input."

### ACTIVITY: SOLVING WORD PROBLEMS WITH THE DESIGN RECIPE

#### 2) Online Puzzles

In this stage you'll use the Design Recipe to create functions that solve word problems. Head to [CS in Algebra stage 11](#) in Code Studio to get started programming.



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