



Total Time: 9 minutes  
 Instructional Time: 7 minutes  
 Independent Practice: 2 minutes

# Word Problem Solving

## Draw It

**Objective:** Students will be able to identify important information and show how to solve join and separate beginning unknown word problems using pictorial models.

**Vocabulary:** Subtraction, take away, addition, add

- Materials:**
- Teacher Master pp. 26-29
  - Student Booklet pp. 24-26
  - Stickies (large & small) (T&S)

**Draw It Model**

**Model Problem**

Jamie has some presents and 4 cookies at the party. She gives 8 of the presents to her friends. Now Jamie has 5 presents left. How many presents did Jamie have in the beginning?

Fill in the circle that shows the number sentence that best matches the word problem.

$13 - 8 = 5$

$13 - 4 = 8$

$12 - 4 = 8$

**Draw It Guided Practice**

Directions: Use the Model to identify important information. Make the problem using the Draw a Picture Strategy and write the number sentence using stickies. Fill in the circle with the number sentence that best matches the word problem.

1. Melinda has some cups and 10 plates to share. She gives 8 cups to the friends in her class. She still has 6 cups left over. How many cups did she have to share?

$14 - 8 = 6$

$10 - 8 = 2$

$10 + 8 = 18$

2. Dennis has 6 bags of popcorn and some bags of chips. At the party, she brings the popcorn and 7 bags of chips. She still has 9 bags of chips left. How many bags of chips did Dennis have to bring?

$6 + 7 = 13$

$15 - 9 = 6$

$16 - 7 = 9$

**Draw It Independent Practice**

Directions: Use the Model to identify important information. Make the problem using the Draw a Picture Strategy and write the number sentence using stickies. Fill in the circle with the number sentence that best matches the word problem.

1. Elida has some cents to buy 7 toys for her kids. She spends 9 cents and has 6 cents left over. How many cents did Elida have to buy toys?

$7 - 6 = 13$

$16 - 9 = 7$

$15 - 9 = 6$

2. Miguel goes to the library to get some books and 2 movies. He goes to the store and buys 5 more books. Miguel came home with 12 books. How many books did Miguel get at the library?

$2 + 5 = 7$

$5 + 12 = 17$

$7 + 5 = 12$

**Word Problem Solving Mat**

1. Make the Story

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2. Write the Number

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## Preview

Instructional Time: 7 minutes

(allow the majority of time for Guided Practice)

*We will show how to solve word problems on the Word Problem Solving Mat and then solve them by writing a number sentence.*

## Modeling (My Turn)

1. Put the Word Problem Solving Mat, model word problem, and stickies on the table. Review the strategy: Identify It (underline the question, circle important numbers and words, and cross out extra information).
2. Model how to show the problem using a picture (circles) and stickies (large).

*I need to know how many presents Pam had to start.*

*I will draw a picture as my strategy to solve the problem.*

*Some presents. This information is circled. I don't know how many presents she has to start. I put a ? in the box.*  
(Put a ? on a stickie in the first box.)

*4 cookies. 4 cookies are not important. This information does not answer the question. 4 cookies are crossed out. I move on.*

*8 presents to her friends. I know this means I am taking away some presents. The amount of presents has changed. I write a subtraction sign in the number sentence.* (Write a minus sign on a stickie in the next number sentence box.)

*I will draw 8 circles to show that I am taking this amount of presents away.* (Draw 8 circles in a ten frame format on stickie.)

*Now Jamie has 5 presents. This information is circled.*

***I write 5 to show how much is left after taking away 8 presents.*** (Write 5 on a stickie in the last box.)

***I will draw 5 circles to show that this is the amount that is left at the end.*** (Draw 5 circles in a ten frame format on stickie)

***How many presents did Pam have to start?  $?-8=5$ . I know with 8, I can use the Make 10 + More strategy. I know  $8+5=13$  if I look at the circles I have on the page and add them. I also know  $13-8=5$ .***

3. Introduce multiple choice part of problem. Use think aloud to see which sentence fits the story best.

***I need to look through these number sentences to see which sentence fits.*** (Use think aloud to color in correct bubble)

## Guided Practice (Our Turn)

4. Give students the Guided Practice sheet, the Word Problem Solving Mat and stickies. Read the problems out loud with the students.
5. Ask students to explain how to solve the problem. Use the questioning language from modeling as a scaffold to guide students through the problem solving process. Prompt students to use the Identify It strategy and the Draw a Picture strategy to solve the problems. Have students bubble in answer to problem after completing the Draw a Picture strategy.
6. Students should practice fact strategies for the computation (e.g., +2, +3, doubles + 1).
7. Provide mixed practice with other types of word problems taught in earlier units.

**ERROR CORRECTION:** If students have problems with reading, help them read the problems. If students have problems with the Identify It strategy, model. If students have problems counting or solving the problem, model how to use the counters.

# Independent Practice/Progress Monitoring (Your Turn)

**Time: 2 minutes**

1. Give students two minutes to complete the Independent Practice sheet with the mat, circles, and stickies.
2. Read and score one problem at a time out loud. Tell students to:
  - a. Use the Identify It strategy to find important information.*
  - b. Make the problem using the Draw a Picture strategy.*
  - c. Write the number sentence using stickies.*
3. Have students check and correct any errors as you review correct answers.
4. Record a + on daily check sheet if the problem is made correctly and number sentence is written correctly. Note type of errors.