

Dot Problem Detectives

Students listen, think through number problems, and check their work.

1.MP.1 "Make sense of problems and persevere in solving them."

NAME _____

DATE _____

Teacher: this page is run aloud. The script and answers are on the guide page.

1 THINK AND CIRCLE _____

a			
b			
c			

2 SOLVE IT _____

HOW TO RUN THIS PAGE

Read each problem aloud twice, giving students time to count or think before they mark an answer. The practice skill appears when students identify what changes in a problem, try a strategy, and check again if they are unsure. Ask a student to explain how they checked after each part.

Students never read directions on this sheet. Read each part's script aloud, then each prompt, giving think time before students mark.

PART 1 • THINK AND CIRCLE

SAY “Listen to each little number problem. If you are not sure, listen again and count slowly. For each row, which dots show the answer?”

ROW	SAY	STUDENTS CIRCLE
a	You start with one. Two more join. Which dots show how many you have now? Circle the dots.	3 dots
b	You have four. One goes away. Which dots show how many are left? Circle the dots.	3 dots
c	You have two. Then you get two more. Which dots show how many you have altogether? Circle the dots.	4 dots

PART 2 • SOLVE IT

SAY “Look at the first box. You start with six, and two go away. What number is left? Write the number. Look at the second box. You have three, and four more join. What number do you have altogether? Write the number.”

- Box 1: **4**
- Box 2: **7**

WHAT TO ACCEPT

Part 1 answers are 3 dots, 3 dots, and 4 dots. In Part 2, accept 4 and 7 if the numerals are recognizable; let students recount or use fingers to check before giving help.