

# Show Your Thinking

Students use marks and oral math words to show why an idea is correct.

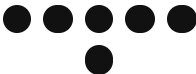
**K.1.G** “display, explain, and justify mathematical ideas and arguments using precise mathematical language in written or oral communication.”

NAME \_\_\_\_\_

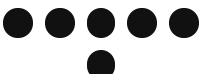
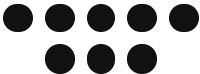
DATE \_\_\_\_\_

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

## 1 CIRCLE PROOF \_\_\_\_\_

|   |                                                                                   |                                                                                   |                                                                                     |
|---|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| a |  |  |  |
| b |  |  |  |
| c |  |  |  |

## 2 WRITE IT \_\_\_\_\_

|                                                                                     |  |
|-------------------------------------------------------------------------------------|--|
|  |  |
|  |  |
|  |  |

**HOW TO RUN THIS PAGE**

Read each prompt aloud and give students time to circle or write their response. Ask individual students to point to their mark and explain what they notice using math words such as dots, more, sides, and corners. Listen for a claim matched with evidence from the page.

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

**PART 1 • CIRCLE PROOF**

**SAY** “Listen to each idea. Circle the choice that shows the idea is right. After you circle, can you tell what you see that makes you think so?”

| ROW | SAY                                                                                                          | STUDENTS CIRCLE |
|-----|--------------------------------------------------------------------------------------------------------------|-----------------|
| a   | I say, “I have 4 dots.” Which group of dots shows I am right? Circle it. What do you see?                    | <b>4 dots</b>   |
| b   | I say, “My shape has 3 sides and 3 corners.” Which shape shows I am right? Circle it. What do you notice?    | <b>triangle</b> |
| c   | I have 4 dots, and I get 1 more dot. Which group shows my new amount? Circle it. How do you know it is more? | <b>5 dots</b>   |

**PART 2 • WRITE IT**

**SAY** “Look at the dots beside each box. Can you count the dots and write the number in the box? Point to the dots and tell a partner how you know your number is right.”

- Box 1 (beside 2 dots): **2**
- Box 2 (beside 6 dots): **6**
- Box 3 (beside 8 dots): **8**

**WHAT TO ACCEPT**

Circle Proof answers are 4 dots, triangle, and 5 dots. In Write It, accept 2, 6, and 8, plus an oral explanation that connects the written number to the counted dots, sides, corners, or one more.