Dot Story Math

Students model addition and subtraction stories with dots, then match each story to a number sentence.

1.5.D "represent word problems involving addition and subtraction of whole numbers up to 20 using concrete and pictorial models and number sentences;"

NAME _____ DATE _____

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

1 DRAW DOTS

2 MATCH STORY

a	4+4=8	4+3=7	3+3=6
b	6+4=10	5+5=10	6+5=11
c	9-4=5	9-5=4	4+5=9

ANSWER KEY

Dot Story Math

GRADE 1 · TEKS 1.5.D

HOW TO RUN THIS PAGE

Read each story aloud and have students make two dot groups for addition or cross out dots for subtraction. Then read the number sentences aloud as students circle the sentence that represents each story.

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

PART 1 · DRAW DOTS

SAY "In the first box, four birds sit on a fence. Three more birds join them. Can you draw one group of four dots and one group of three dots, with a line between the groups? In the second box, six shells are in a pail. Five more shells are added. Can you draw two dot groups? In the third box, nine apples are on a table. Four apples are taken away. Can you draw nine dots and cross out four dots?"

- Box 1: **4 dots and 3 dots, in separate groups with a line between**
- Box 2: **6 dots and 5 dots, in separate groups with a line between**
- Box 3: **9 dots with 4 dots crossed out**

PART 2 · MATCH STORY

SAY "Listen to each story again. I will read the number sentences in the row. Which number sentence shows the story? Circle it."

ROW	SAY	STUDENTS CIRCLE
a	Four birds sit on a fence. Three more birds join them. Which number sentence shows the story?	**4+3=7**
b	Six shells are in a pail. Five more shells are added. Which number sentence shows the story?	**6+5=11**
c	Nine apples are on a table. Four apples are taken away. Which number sentence shows the story?	**9-4=5**

WHAT TO ACCEPT

Accept dot models with clearly separate addend groups for the first two boxes. In the third box, accept any set of 9 dots with exactly 4 crossed out. Circle answers are 4+3=7, 6+5=11, and 9-4=5.