Dot Data Detectives

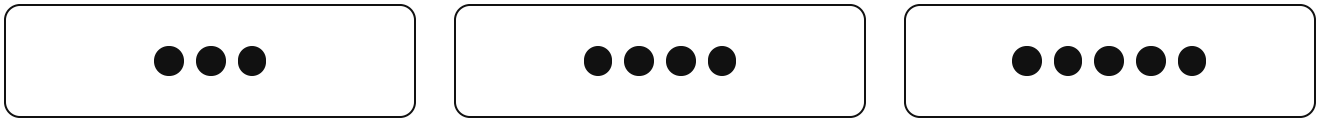
Students match counts and compare dot data groups.

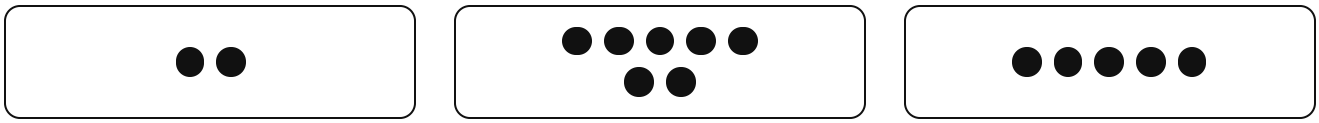
MA.K.DP.1 "Develop an understanding for collecting, representing and comparing data."

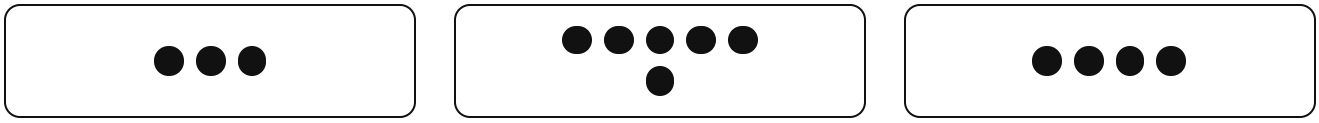
NAME _____ DATE _____

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

1 COMPARE DOTS

a 

b 

c 

2 OUR COLLECTED DATA

Key: one dot = one counter. Write each count beside your dots.

Red

Blue

Compare

ANSWER KEY

Dot Data Detectives

HOW TO RUN THIS PAGE

Provide a bag containing 3 safe red counters and 5 safe blue counters. Students take out every counter, sort by color, and record what they collected. Read all directions aloud. Keep the original dot-comparison warm-up.

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

PART 1 · COMPARE DOTS

SAY "We will count the dots in each group. Can you count each group and circle the group I ask for?"

ROW	SAY	STUDENTS CIRCLE
a	Look at 3 dots, 4 dots, and 5 dots. Which group has the most dots? Circle it.	**5 dots**
b	Look at 2 dots, 7 dots, and 5 dots. Which group has the fewest dots? Circle it.	**2 dots**
c	Look at 3 dots, 6 dots, and 4 dots. Which group has more dots than 4 dots? Circle it.	**6 dots**

PART 2 · OUR COLLECTED DATA

SAY "Collect all counters from the bag. Sort red and blue. Draw one dot for each counter in its row, starting each row at the left edge. Count each group, then tell which has more and how many more."

- Box 1 (beside Red): **3 dots; count 3**
- Box 2 (beside Blue): **5 dots; count 5**
- Box 3 (beside Compare): **Blue has 2 more than red**

WHAT TO ACCEPT

Part 1: 5 dots,2 dots,6 dots. Part 2: observe actual collection and color sorting, three red and five blue symbols/counts; blue has two more. Do not substitute reading preprinted dots for collection.