Dot Number Detectives

Students count dot displays, match numbers, and compare amounts.

1.MDR.6.4 "Ask questions and answer them based on gathered information, observations, and appropriate graphical displays to compare and order whole numbers."

NAME _____ DATE _____

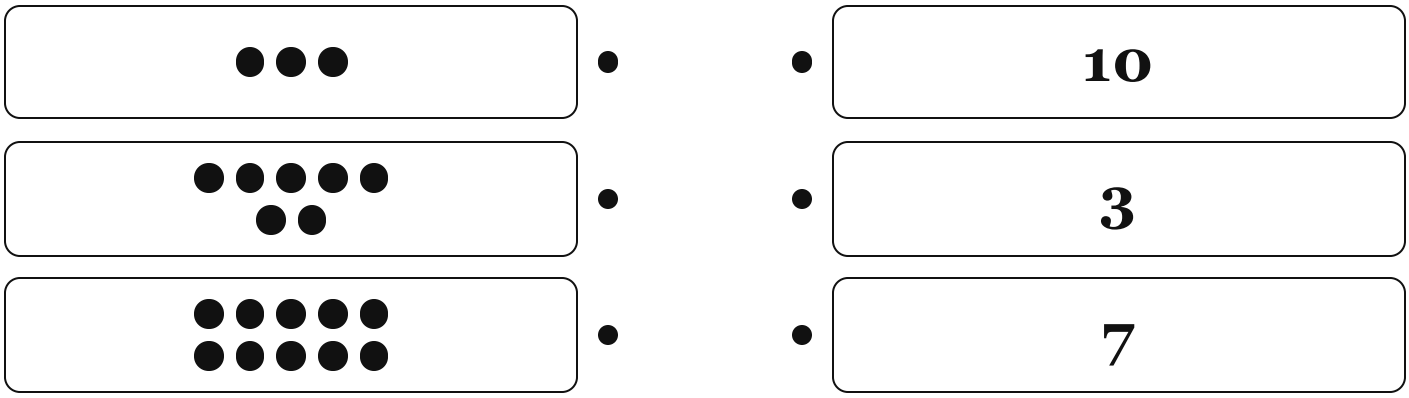
Teacher: this page is run aloud. The script and answers are on the guide page.

1 MATCH DOTS

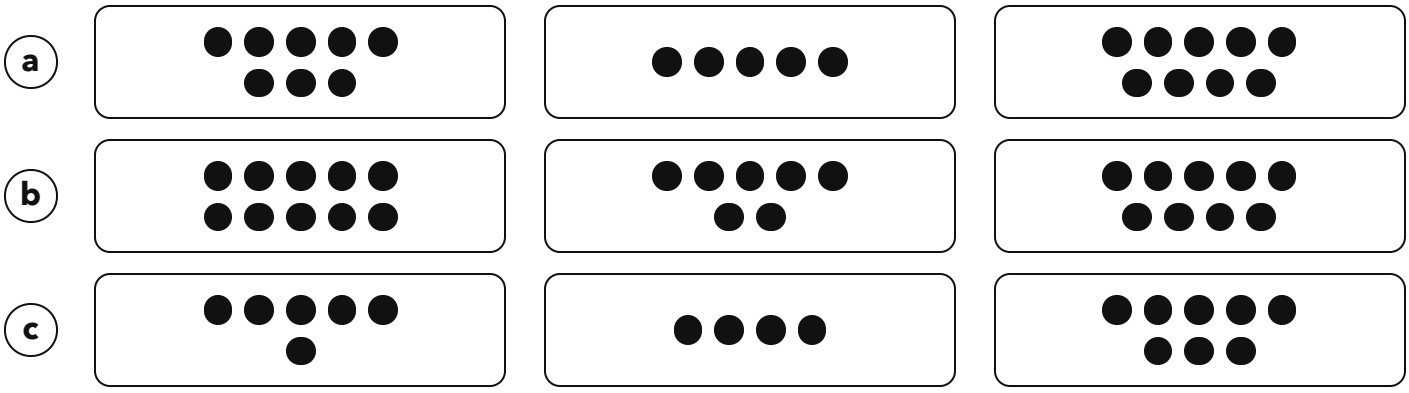
Sample classroom supply	Count
Glue sticks	3
Rulers	7
Crayons	10

My question and answer: _____

_____



2 COMPARE DOTS



ANSWER KEY

Dot Number Detectives

GRADE 1 · 1.MDR.6.4

HOW TO RUN THIS PAGE

Read each part aloud while students count the dot displays. Students show the skill by matching displays to whole numbers and answering questions about which amounts are greatest, least, or between two others. Before starting, you may model comparing a group of 2 dots and a group of 11 dots. The table is labeled sample classroom data, not a new class measurement. Scribe the child's own question and answer in the blank below.

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

PART 1 · MATCH DOTS

SAY "Read the sample supply table together. For each row, match its dot count with the numeral. Order the three supply counts from least to greatest. Make up a question about these supplies and answer it using the table; I will record your question and answer."

- **3 dots** matches **3**
- **7 dots** matches **7**
- **10 dots** matches **10**

PART 2 · COMPARE DOTS

SAY "Look at the dot groups in each row and count them. Listen to each question, then circle one dot group."

ROW	SAY	STUDENTS CIRCLE
a	Which dot group shows the greatest number?	**9 dots**
b	Which dot group shows the least number?	**7 dots**
c	Which dot group shows a number between the other two numbers?	**6 dots**

WHAT TO ACCEPT

Match 3 dots to 3, 7 dots to 7, and 10 dots to 10. Circle 9 dots in row 1, 7 dots in row 2, and 6 dots in row 3. Supply counts in order: 3 glue sticks, 7 rulers, 10 crayons. Example child question: How many more crayons than glue sticks? Answer 7. Accept any answerable question supported by the displayed data; retain all original comparison answers.