Two-Step Trails

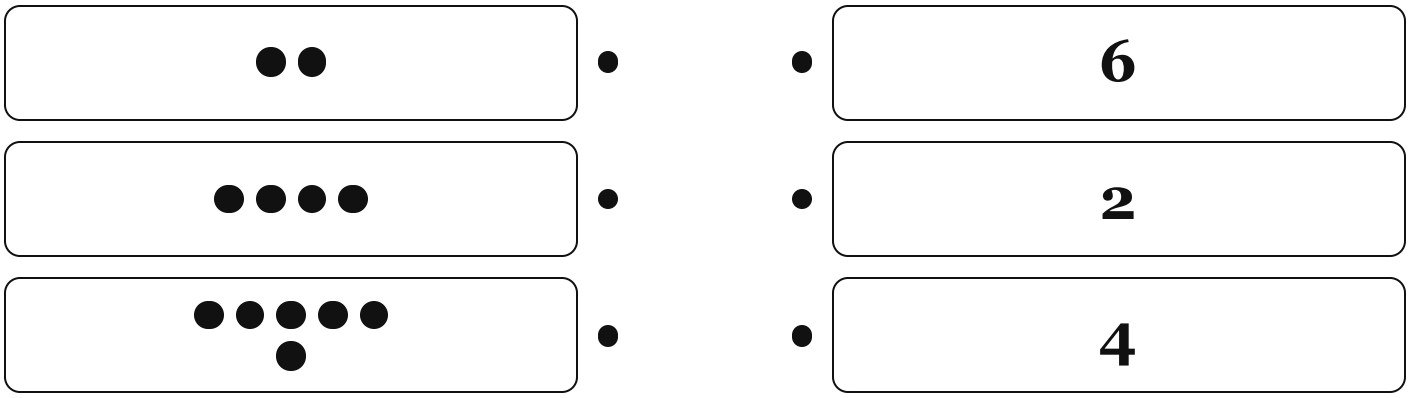
Students use dot groups and numeral choices to count forward by 2 through 30.

1.NS.1.d "Represent forward counting patterns when counting by groups of 2 up to at least 30 using a variety of tools (e.g., beaded number strings, number paths [a prelude to number lines], 120 chart)."

NAME _____ DATE _____

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

1 DOT MATCHES

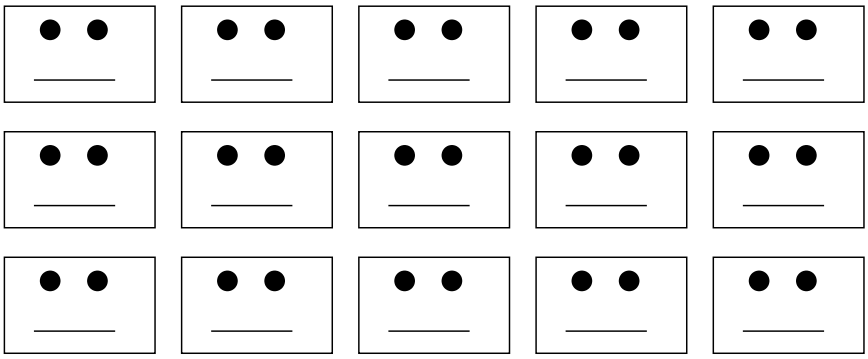


2 NEXT STEP

a) 14 | 16 | 18

b) 18 | 22 | 24

3 BUILD THE TWOS TRAIL



Pairs

Counters

ANSWER KEY

Two-Step Trails

GRADE 1 · 1.NS.1.d

HOW TO RUN THIS PAGE

Read the scripts aloud. Supply 30 counters per student or pair. Students match groups, count on by two, then represent all fifteen pairs with running totals through 30.

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

PART 1 · DOT MATCHES

SAY "Look at the dot groups on the left. I will read the numbers on the right: 6, 2, 4. Can you count each group by twos and draw a line to the matching number?"

- **2 dots** matches **2**
- **4 dots** matches **4**
- **6 dots** matches **6**

PART 2 · NEXT STEP

SAY "Look at each row. Listen as I read the starting number and the choices. Can you circle the number that comes next when you count forward by 2?"

ROW	SAY	STUDENTS CIRCLE
a	Start at 12 and count forward by 2. Is the next number 14, 16, or 18? Circle it.	**14**
b	Start at 20 and count forward by 2. Is the next number 18, 22, or 24? Circle it.	**22**

PART 3 · BUILD THE TWOS TRAIL

SAY "Start with the top left pair. Move across each row, then to the next row. Count by twos and write the running total on every small line, through 30. Use 30 counters to make your own fifteen pairs. Box 1: total pairs. Box 2: total counters. Explain why the count increases by two."

- Box 1 (beside Pairs): **15**
- Box 2 (beside Counters): **30**

WHAT TO ACCEPT

Match 2, 4 and 6 dots to their numerals. Circle 14 and 22. Trail totals: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30. Boxes: 15 pairs, 30 counters. Observe the actual fifteen equal pairs and the two-counter change; a final numeral alone is insufficient.