Two Ways Long

Students measure the same objects with paper clips and an inch ruler.

1.GM.2.1 "Use nonstandard and standard measuring tools to measure the length of objects."

NAME _____ DATE _____

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

1 PAPER CLIPS

pencil	
book	

2 INCHES

pencil	
book	

ANSWER KEY

Two Ways Long

GRADE 1 · 1.GM.2.1

HOW TO RUN THIS PAGE

Give each student a pencil, a book, several same-size paper clips, and an inch ruler. Read the scripts aloud and watch students measure the pencil and the book's short side. The boxes record lengths measured with a nonstandard tool and a standard tool.

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

PART 1 · PAPER CLIPS

SAY "Place paper clips end to end beside your pencil with no gaps or overlaps. Then measure the short side of your book the same way. How many paper clips long is each one? Write each number in its box."

- Box 1 (beside pencil): **The number of same-size paper clips laid end to end along the pencil.**
- Box 2 (beside book): **The number of same-size paper clips laid end to end along the book's short side.**

PART 2 · INCHES

SAY "Put the zero mark on your inch ruler at one end of your pencil. Then measure the short side of your book. Which inch mark is closest to the other end of each one? Write each number in its box."

- Box 1 (beside pencil): **The inch mark nearest the end of the pencil when the ruler starts at zero.**
- Box 2 (beside book): **The inch mark nearest the end of the book's short side when the ruler starts at zero.**

WHAT TO ACCEPT

Answers vary with the objects and paper clips used. Accept numbers that match each student's measurements, and check that paper clips touch without overlapping and the ruler starts at zero.