

Measure Word Detective

Students listen to measurement stories, circle comparison words, and explain changing units.

1.MG.1 "The student will reason mathematically using nonstandard units to measure and compare objects by length, weight, and volume. Use nonstandard units to measure the: lengths of two objects (units laid end to end with no gaps or overlaps) and..."

NAME _____

DATE _____

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

1 CIRCLE WORDS

a	longer	shorter	same
b	lighter	heavier	same
c	more	less	same

2 UNIT CLUES

a	larger	smaller	same
b	larger	smaller	same

HOW TO RUN THIS PAGE

Before the sheet, model measuring a marker with equal cubes placed end to end, with no gaps or overlaps. Show that a balance scale dips on the heavier side and that equal cups can fill containers. Read each story aloud, then have students circle a comparison word and explain the two-unit stories orally.

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

PART 1 • CIRCLE WORDS

SAY “Can you listen to each measurement story and find the word that answers the question? Which word will you circle each time?”

ROW	SAY	STUDENTS CIRCLE
a	One strip measures 7 cubes, with the cubes touching end to end. A second strip measures 5 cubes, with the cubes touching end to end. Is the first strip longer, shorter, or the same as the second strip?	longer
b	A balance scale dips down on the side holding a toy. A block is on the other side. Is the toy lighter, heavier, or the same as the block?	heavier
c	A jar takes 4 equal scoops to fill. A pitcher takes 7 equal scoops to fill. Does the pitcher hold more, less, or the same as the jar?	more

PART 2 • UNIT CLUES

SAY “Now listen for two ways to measure the same thing. Which word shows how the units are different, and what makes the counts different?”

ROW	SAY	STUDENTS CIRCLE
a	One strip measures 8 identical buttons laid end to end. The same strip measures 4 identical tiles laid end to end. Compared with a button, is a tile larger, smaller, or the same size? What makes the two counts different?	larger
b	The same bucket fills with 10 small cups or 5 large cups. Compared with the large cups, are the small cups larger, smaller, or the same size? What makes the two counts different?	smaller

WHAT TO ACCEPT

Answers are longer, heavier, more, larger, and smaller. Accept oral explanations that the units are different sizes, so fewer larger units or more smaller units are needed to measure or fill the same item.