Measurement: Converting Units of Measure
Note-Taking Guide

TEKS

4(8)(B)   The student is expected to convert measurements within the same measurement system, customary or metric, from a smaller unit into a larger unit or a larger unit into a smaller unit when given other equivalent measures represented in a table.

5(7)   The student is expected to solve problems by calculating conversions within a measurement system, customary or metric.

6(4)(H)   The student is expected to convert units within a measurement system, including the use of proportions and unit rates.

7(4)(E)   The student is expected to convert between measurement systems, including the use of proportions and the use of unit rates.

Original Fifth Grade Prompt	Notes
Maria bikes a total of 15 kilometers each week. What is the total number of meters Maria bikes in 5 weeks? **F** 75 m **G** 15,000 m **H** 1,500 m **J** 75,000 m	

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Connecting to Fourth Grade

Equivalent measures are shown in the table below.

Measurements

Fluid Ounces	Cups
16	2
24	3
32	4
48	6

How many cups are equal to 80 fluid ounces?

Notes

Connecting to Fourth Grade

Equivalent measures are shown in the table below.

Measurements

Meters	Centimeters
3	300
5	500
6	600
7	700

How many centimeters are equal to 9 meters?

Notes