

Elaboration Worksheet: w8.SI.4*Metric Conversion Ladder***Curriculum Objective(s)**

CS: Scientific numeracy includes the ability to use mathematical operations and procedures to calculate, analyze and present scientific data and ideas.

EP: C INQ6 · Use mathematical operations to analyze and interpret the data..

Approximate Completion Time:**Assessment:**

Point Total(s)

30 Minutes**Classroom Review**

Performance Task 25 points

Homework 10 points



Homework

Performance
Task

You are to convert from one metric prefix to another metric prefix within SI.
Refer to the metric ladder on activity a8.SI.3.

4 g =	_____ cg	20 mm =	_____ dm
30 hL =	_____ L	10 dL =	_____ L
2.5 km =	_____ dam	100 mg =	_____ dg
0.7 daL =	_____ dL	3.3 m =	_____ cm
1,000 g =	_____ kg	5 dm =	_____ mm
22.5 L =	_____ daL	60 cg =	_____ dag
180 mm =	_____ m	10 kL =	_____ hL
1 g =	_____ cg	0.55 dm =	_____ mm
8.25 L =	_____ daL	50 hg =	_____ kg
9.5 mm =	_____ dm	1000 mL =	_____ L

You are to create five examples using **<**, **>**, or **=**

