

Convert Metric Units: Length, Mass, and Capacity



Convert each measurement below. You can use the table to help you.

Length	Mass	Capacity
1 centimeter (cm) = 10 millimeters (mm) 1 meter (m) = 100 cm 1 kilometer (km) = 1,000 m	1 gram (g) = 1,000 milligrams (mg) 1 kilogram (kg) = 1,000 g	1 liter (L) = 1,000 milliliters (mL)
1. 49 cm = <u>490</u> mm	2. 332.1 cm = <u>3.321</u> m	3. 38 g = <u>38,000</u> mg
4. 112 L = <u>112,000</u> mL	5. 284.6 mg = <u>0.2846</u> g	6. 63.45 m = <u>6,345</u> cm
7. 565 g = <u>0.565</u> kg	8. 561.7 km = <u>561,700</u> m	9. 90.76 mm = <u>9.076</u> cm
10. 8,653.8 m = <u>8.6538</u> km	11. 1,248.09 kg = <u>1,248,090</u> g	12. 5,050.6 cm = <u>50.506</u> m
13. 82 mL = <u>0.082</u> L	14. 7,120.88 L = <u>7,120,880</u> mL	15. 34.4 mg = <u>0.0344</u> g