

Metric Conversions

Name: _____

Every step in the metric system is a multiple of ten. Multiply going smaller, divide going bigger.

$3 \text{ m} = \text{_____ cm}$

$450 \text{ cm} = \text{_____ m}$

$2.5 \text{ km} = \text{_____ m}$

$1\,200 \text{ m} = \text{_____ km}$

$4 \text{ kg} = \text{_____ g}$

$2\,500 \text{ g} = \text{_____ kg}$

$3 \text{ L} = \text{_____ mL}$

$750 \text{ mL} = \text{_____ L}$

$6 \text{ cm} = \text{_____ mm}$

$85 \text{ mm} = \text{_____ cm}$

$7 \text{ m} = \text{_____ cm}$

$9 \text{ kg} = \text{_____ g}$

$1.5 \text{ L} = \text{_____ mL}$

$320 \text{ cm} = \text{_____ m}$

$5 \text{ km} = \text{_____ m}$

$250 \text{ g} = \text{_____ kg}$

$12 \text{ cm} = \text{_____ mm}$

$2\,000 \text{ mL} = \text{_____ L}$

$48 \text{ mm} = \text{_____ cm}$

$6\,500 \text{ m} = \text{_____ km}$

$0.8 \text{ kg} = \text{_____ g}$

$15 \text{ m} = \text{_____ cm}$

$90 \text{ cm} = \text{_____ m}$

$4\,500 \text{ g} = \text{_____ kg}$

$8 \text{ L} = \text{_____ mL}$

$400 \text{ mL} = \text{_____ L}$

$11 \text{ km} = \text{_____ m}$

$2\,700 \text{ m} = \text{_____ km}$

$3.5 \text{ kg} = \text{_____ g}$

$125 \text{ g} = \text{_____ kg}$

$23 \text{ cm} = \text{_____ mm}$

$64 \text{ mm} = \text{_____ cm}$

Metric Conversions — Answer Key

3 m = **300 cm** 450 cm = **4.5 m**

2.5 km = **2500 m** 1 200 m = **1.2 km**

4 kg = **4000 g** 2 500 g = **2.5 kg**

3 L = **3000 mL** 750 mL = **0.75 L**

6 cm = **60 mm** 85 mm = **8.5 cm**

7 m = **700 cm** 9 kg = **9000 g**

1.5 L = **1500 mL** 320 cm = **3.2 m**

5 km = **5000 m** 250 g = **0.25 kg**

12 cm = **120 mm** 2 000 mL = **2 L**

48 mm = **4.8 cm** 6 500 m = **6.5 km**

0.8 kg = **800 g** 15 m = **1500 cm**

90 cm = **0.9 m** 4 500 g = **4.5 kg**

8 L = **8000 mL** 400 mL = **0.4 L**

11 km = **11000 m** 2 700 m = **2.7 km**

3.5 kg = **3500 g** 125 g = **0.125 kg**

23 cm = **230 mm** 64 mm = **6.4 cm**