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May you be blessed on your homeschooling journey. Happy learning!

Marie

Converting Metrics Worksheet 1 & 2

This is a set of 2 worksheets that focuses on converting metrics. Use the mnemonic device to help in converting the metrics. There is a teacher's answer sheet. Happy homeschooling!

Converting Metrics Worksheet 1

Use the table below to help you convert within the metric system.

King	Henry	Died	By	Drinking	Chocolate	Milk
Kilo	Hecto	Deca	Basic Unit	Deci	Centi	Milli

1.) $6,000 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

2.) $4.8 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

3.) $6,000 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

4.) $3.3 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$

5.) $9,000 \text{ mL} = \underline{\hspace{2cm}} \text{ l}$

6.) $.75 \text{ l} = \underline{\hspace{2cm}} \text{ kL}$

7.) $24.2 \text{ m} = \underline{\hspace{2cm}} \text{ km}$

8.) $8 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

9.) $5.5 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

10.) $6.7 \text{ mL} = \underline{\hspace{2cm}} \text{ l}$

11.) $81 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$

12.) $200 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

13.) $450 \text{ mm} = \underline{\hspace{2cm}} \text{ m}$

14.) $.04 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

15.) $.25 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

Converting Metrics Worksheet 1

Use the table below to help you convert within the metric system.

King	Henry	Died	By	Drinking	Chocolate	Milk
Kilo	Hecto	Deca	Basic Unit	Deci	Centi	Milli

1.) $6,000 \text{ m} = \underline{600,000} \text{ cm}$

2.) $4.8 \text{ kg} = \underline{4,800} \text{ g}$

3.) $6,000 \text{ g} = \underline{6} \text{ kg}$

4.) $3.3 \text{ cm} = \underline{33} \text{ mm}$

5.) $9,000 \text{ mL} = \underline{9} \text{ l}$

6.) $.75 \text{ l} = \underline{.00075} \text{ kL}$

7.) $24.2 \text{ m} = \underline{.0242} \text{ km}$

8.) $8 \text{ km} = \underline{8000} \text{ m}$

9.) $5.5 \text{ kg} = \underline{5,500} \text{ g}$

10.) $6.7 \text{ mL} = \underline{.0067} \text{ l}$

11.) $81 \text{ l} = \underline{81,000} \text{ mL}$

12.) $200 \text{ g} = \underline{2} \text{ kg}$

13.) $450 \text{ mm} = \underline{.45} \text{ m}$

14.) $.04 \text{ m} = \underline{4} \text{ cm}$

15.) $.25 \text{ kg} = \underline{250} \text{ g}$

Converting Metrics Worksheet 2

Use the table below to help you convert within the metric system.

King	Henry	Died	By	Drinking	Chocolate	Milk
Kilo	Hecto	Deca	Basic Unit	Deci	Centi	Milli

- 1.) 25 cm = _____ m
- 2.) 25 cm = _____ mm
- 3.) 78 L = _____ mL
- 4.) 32 m = _____ km
- 5.) 76 mm = _____ cm
- 6.) 143 m = _____ mm
- 7.) 312 mg = _____ g
- 8.) 15 mL = _____ L
- 9.) 7 g = _____ mg
- 10.) 6 kg = _____ g
- 11.) 7300 mL = _____ kL
- 12.) 80 g = _____ mg
- 13.) 14 kg = _____ g
- 14.) 1 L = _____ mL
- 15.) 2 km = _____ cm

Converting Metrics Worksheet 2

Use the table below to help you convert within the metric system.

King	Henry	Died	By	Drinking	Chocolate	Milk
Kilo	Hecto	Deca	Basic Unit	Deci	Centi	Milli

- 1.) 25 centimeters = .25 meters
- 2.) 25 centimeters = 250 millimeters
- 3.) 78 liters = 78,000 milliliters
- 4.) 32 meters = .032 kilometers
- 5.) 76 millimeters = 7.6 centimeters
- 6.) 143 meters = 143,000 millimeters
- 7.) 312 milligrams = .312 grams
- 8.) 15 milliliters = .015 liters
- 9.) 7 grams = 7,000 milligrams
- 10.) 6 kilograms = 6,000 grams
- 11.) 7300 milliliters = .0073 Kiloliters
- 12.) 80 grams = 80,000 milligrams
- 13.) 14 kilograms = 14,000 grams
- 14.) 1 Liter = 1,000 milliliters
- 15.) 2 kilometers = 200,000 centimeters