

Metric Length Conversion

WHERE RU?
WHERE RU GOING?

→ SMALLER X
← BIGGER ÷

Calculations

1 cm = 10 mm

1 m = 100 cm

1 km = 1000 m

Recall

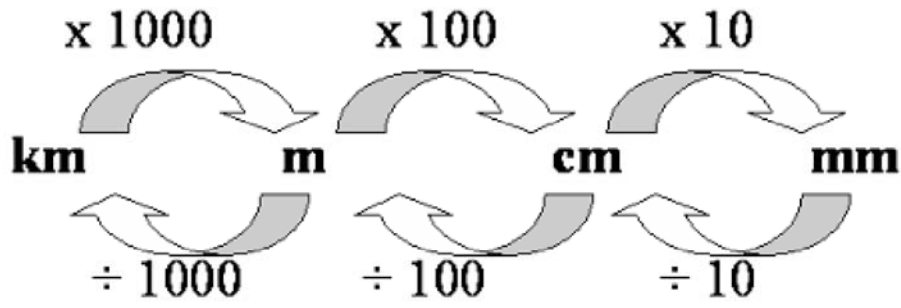
multiply



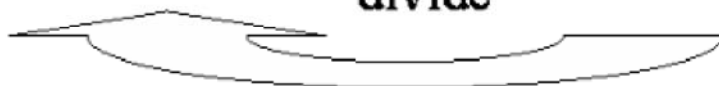
Big Units

to

Small Units



divide



Metric Conversions -2-

$$1) 0.625 \text{ km} = \underline{625} \text{ m} \quad 0.625 \times 1000 =$$

$$2) 235 \text{ m} = \underline{23500} \text{ cm} \quad 235 \times 100 =$$

$$3) 15 \text{ cm} = \underline{150} \text{ mm} \quad 15 \times 10 =$$

$$4) 0.0536 \text{ km} = \underline{5360} \text{ cm} \quad \begin{array}{l} .0536 \times 1000 \\ 53.6 \times 100 \end{array}$$

$$5) 1.65 \text{ m} = \underline{1650} \text{ mm} \quad \begin{array}{l} 1.65 \times 100 = \\ 165 \times 10 = \end{array}$$

$$6) .0041 \text{ km} = \underline{\hspace{2cm}} \text{ mm}$$

$$7) 2510 \text{ m} = \underline{2.51} \text{ km} \quad 2510 \div 1000 =$$

$$8) 75 \text{ cm} = \underline{.75} \text{ m} \quad 75 \div 100 =$$

$$9) 4500 \text{ mm} = \underline{450} \text{ cm} \quad 4500 \div 10$$

$$10) 1500 \text{ mm} = \underline{1.5} \text{ m} \quad 1500 \div 10 =$$
$$150 \div 100 =$$

$$11) 6500 \text{ cm} = \underline{.065} \text{ km} \quad 6500 \div 100 =$$
$$65 \div 1000 =$$

Do WS Metric Conversions

YOUTUBE : CONVERTING
DISTANCE MEASUREMENTS
(TECMATH) 9:43

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METRIC LENGTH CONVERSIONS