

CONVERTING DISTANCE AND LENGTH

METRIC SYSTEM OF MEASUREMENT

HELP

1 millimeter (mm) = 0.001 meter (m)

1 centimeter (cm) = 0.01 meter (m)

1 decimeter (dm) = 0.1 meter (m)

1 decameter (dam) = 10 meter (m)

1 hectometer (hm) = 100 meters (m)

1 kilometer (km) = 1000 meters (m)

NOTE: ANSWERS ARE IN DECIMAL FORM

1) $3216 \text{ mm} = \underline{3.216} \text{ m}$

2) $8.62 \text{ m} = \underline{86.2} \text{ dm}$

3) $630 \text{ m} = \underline{6.3} \text{ hm}$

4) $0.321 \text{ m} = \underline{32.1} \text{ cm}$

5) $0.068 \text{ km} = \underline{6800} \text{ cm}$

6) $82.52 \text{ cm} = \underline{825.2} \text{ mm}$

7) $129 \text{ mm} = \underline{12.9} \text{ cm}$

8) $3215 \text{ hm} = \underline{321.5} \text{ km}$

9) $5.422 \text{ km} = \underline{542.2} \text{ dam}$

10) $0.1265 \text{ m} = \underline{126.5} \text{ mm}$

11) $5.564 \text{ hm} = \underline{556.4} \text{ m}$

12) $680 \text{ cm} = \underline{6.8} \text{ m}$

13) $1.2655 \text{ km} = \underline{1265.5} \text{ m}$

14) $8.935 \text{ km} = \underline{893.5} \text{ dam}$

15) $5.2 \text{ dm} = \underline{0.52} \text{ m}$

16) $8124 \text{ mm} = \underline{8.124} \text{ m}$