

Name : _____

Linear Metric Conversion

Convert the given values

(1) $128 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$

(2) $1.5 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

(3) $145 \text{ mm} = \underline{\hspace{2cm}} \text{ cm}$

(4) $237 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$

(5) $1.17 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$

(6) $2.08 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

(7) $0.75 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

(8) $1280 \text{ mm} = \underline{\hspace{2cm}} \text{ cm}$

(9) $309 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$

(10) $7.89 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

Compare the following using $<$, $>$, or $=$

(1) $3.4 \text{ m} \bigcirc 320 \text{ cm}$

(2) $1.5 \text{ km} \bigcirc 1450 \text{ m}$

(3) $2.08 \text{ km} \bigcirc 2080 \text{ m}$

(4) $87 \text{ cm} \bigcirc 0.9 \text{ m}$

(5) $82 \text{ mm} \bigcirc 7.8 \text{ cm}$

(6) $3 \text{ m} \bigcirc 310 \text{ cm}$

(7) $2730 \text{ m} \bigcirc 2.59 \text{ km}$

(8) $6.1 \text{ cm} \bigcirc 61 \text{ mm}$

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Answers

(1) $128 \text{ cm} = \underline{1.28} \text{ m}$

(2) $1.5 \text{ km} = \underline{1500} \text{ m}$

(3) $145 \text{ mm} = \underline{14.5} \text{ cm}$

(4) $237 \text{ cm} = \underline{2.37} \text{ m}$

(5) $1.17 \text{ cm} = \underline{11.7} \text{ mm}$

(6) $2.08 \text{ m} = \underline{208} \text{ cm}$

(7) $0.75 \text{ km} = \underline{750} \text{ m}$

(8) $1280 \text{ mm} = \underline{128} \text{ cm}$

(9) $309 \text{ cm} = \underline{3.09} \text{ m}$

(10) $7.89 \text{ km} = \underline{7890} \text{ m}$

(1) $3.4 \text{ m} \text{ (} > \text{)} 320 \text{ cm}$

(2) $1.5 \text{ km} \text{ (} > \text{)} 1450 \text{ m}$

(3) $2.08 \text{ km} \text{ (} = \text{)} 2080 \text{ m}$

(4) $87 \text{ cm} \text{ (} < \text{)} 0.9 \text{ m}$

(5) $82 \text{ mm} \text{ (} > \text{)} 7.8 \text{ cm}$

(6) $3 \text{ m} \text{ (} < \text{)} 310 \text{ cm}$

(7) $2730 \text{ m} \text{ (} > \text{)} 2.59 \text{ km}$

(8) $6.1 \text{ cm} \text{ (} = \text{)} 61 \text{ mm}$