

Name: _____

Score: _____ Date: _____

Metric Conversion Worksheet

Convert the following.

① $2.6\text{m} = \underline{\hspace{2cm}}\text{cm}$

② $\underline{\hspace{2cm}}\text{mL} = 17\text{L}$

③ $\underline{\hspace{2cm}}\text{g} = 0.35\text{kg}$

④ $0.42\text{km} = \underline{\hspace{2cm}}\text{m}$

⑤ $170\text{g} = \underline{\hspace{2cm}}\text{kg}$

⑥ $5.05\text{L} = \underline{\hspace{2cm}}\text{mL}$

⑦ $\underline{\hspace{2cm}}\text{cm} = 0.12\text{m}$

⑧ $45\text{m} = \underline{\hspace{2cm}}\text{km}$

⑨ $\underline{\hspace{2cm}}\text{L} = 376\text{mL}$

⑩ $13580\text{m} = \underline{\hspace{2cm}}\text{km}$

Compare using $<$, $>$, or $=$.

① $28\text{mm} \square 3\text{cm}$

② $6.5\text{kg} \square 6080\text{g}$

③ $900\text{m} \square 0.9\text{km}$

④ $0.52\text{L} \square 540\text{mL}$

⑤ $472\text{cm} \square 4.5\text{m}$

⑥ $65\text{mm} \square 6.5\text{cm}$

⑦ $75\text{g} \square 0.75\text{kg}$

⑧ $70\text{mm} \square 7.1\text{cm}$

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Metric Conversion Worksheet

Answers

① $2.6\text{m} = \underline{260}\text{ cm}$

② $\underline{17000}\text{ mL} = 17\text{L}$

③ $\underline{350}\text{ g} = 0.35\text{kg}$

④ $0.42\text{km} = \underline{420}\text{ m}$

⑤ $170\text{g} = \underline{0.17}\text{ kg}$

⑥ $5.05\text{L} = \underline{5050}\text{ mL}$

⑦ $\underline{12}\text{ cm} = 0.12\text{m}$

⑧ $45\text{m} = \underline{0.045}\text{ km}$

⑨ $\underline{0.376}\text{ L} = 376\text{mL}$

⑩ $13580\text{m} = \underline{13.58}\text{ km}$

① $28\text{mm} \boxed{<} 3\text{cm}$

② $6.5\text{kg} \boxed{>} 6080\text{g}$

③ $900\text{m} \boxed{=} 0.9\text{km}$

④ $0.52\text{L} \boxed{<} 540\text{mL}$

⑤ $472\text{cm} \boxed{>} 4.5\text{m}$

⑥ $65\text{mm} \boxed{=} 6.5\text{cm}$

⑦ $75\text{g} \boxed{<} 0.75\text{kg}$

⑧ $70\text{mm} \boxed{<} 7.1\text{cm}$