

Converting units of length

This week we have been converting units of length by multiplying by 10, 100 and 1000 or dividing by 10, 100, 1000. When answering the questions below, remember that $1\text{km} = 1000\text{m}$, $1\text{m} = 100\text{cm}$ and $1\text{cm} = 10\text{mm}$.

Can you convert the cm to mm, m to cm and km to m?

1) $3\text{cm} = \underline{\hspace{2cm}}\text{mm}$

2) $43\text{m} = \underline{\hspace{2cm}}\text{cm}$

3) $12.2\text{cm} = \underline{\hspace{2cm}}\text{mm}$

4) $27\text{km} = \underline{\hspace{2cm}}\text{m}$

- 5) Rachel is a championship horse rider, in one race she rides 38km and in another she rides 26km. How many metres did she ride altogether?

Can you convert the mm to cm, cm to m and m to km?

6) $70\text{mm} = \underline{\hspace{2cm}}\text{cm}$

7) $361\text{cm} = \underline{\hspace{2cm}}\text{m}$

8) $1028\text{m} = \underline{\hspace{2cm}}\text{km}$

9) $32.52\text{cm} = \underline{\hspace{2cm}}\text{m}$

- 10) Patrick walks his dog Bruno around the park. In total he walks 6521m, how many kilometres did he walk?

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Can you convert the cm to mm, m to cm and km to m?

2) $30\text{cm} = \underline{\hspace{2cm}}\text{mm}$

2) $44.3\text{m} = \underline{\hspace{2cm}}\text{cm}$

4) $212.52\text{cm} = \underline{\hspace{2cm}}\text{mm}$

4) $273.12\text{km} = \underline{\hspace{2cm}}\text{m}$

- 6) Rachel is a championship horse rider, in one race she rides 38.1km and in another she rides 26.43km. How many metres did she ride altogether?

Can you convert the mm to cm, cm to m and m to km?

7) $90\text{mm} = \underline{\hspace{2cm}}\text{cm}$

7) $1561\text{cm} = \underline{\hspace{2cm}}\text{m}$

9) $3324.28\text{m} = \underline{\hspace{2cm}}\text{km}$

9) $32.52\text{cm} = \underline{\hspace{2cm}}\text{m}$

- 10) Patrick walks his dog Bruno around the park. In total he walks 6521m, how many kilometres did he walk?

- 11) Bruno runs off to chase some pigeons whilst on his walk. His walk totalled 684903cm, how many metres is this?