

Measurement of Length

Conversion

To convert a smaller measure to a bigger measure we divide.

mm \rightarrow m

The decimal point moves to the left.



To convert a bigger measure to a smaller measure we multiply.

km \rightarrow m

The decimal point moves to the right.



Convert each of the following to the measure indicated at the end.

1. $4 \text{ m} = \underline{\hspace{2cm}}$ cm

6. $5.6 \text{ m} = \underline{\hspace{2cm}}$ km

2. $4.5 \text{ m} = \underline{\hspace{2cm}}$ mm

7. $3\,000 \text{ mm} = \underline{\hspace{2cm}}$ m

3. $8 \text{ km} = \underline{\hspace{2cm}}$ m

8. $8.35 \text{ m} = \underline{\hspace{2cm}}$ mm

4. $1.2 \text{ cm} = \underline{\hspace{2cm}}$ m

9. $0.5 \text{ m} = \underline{\hspace{2cm}}$ cm

5. $3.75 \text{ mm} = \underline{\hspace{2cm}}$ cm

10. $5\,500 \text{ mm} = \underline{\hspace{2cm}}$ m