

## Length conversion tables (metric)

### Grade 5 Measurement Worksheet

Complete the table by converting the units of length.

$$1 \text{ km} = 1,000 \text{ m} = 100,000 \text{ cm} = 1,000,000 \text{ mm}$$

km		0.3				
m				55		9
cm			60,000		400	
mm	400,000					

Answer the word problems.



- The width of the frame 48 cm. What is the width in millimeters?  
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- Paul needs 2,000 cm of water hose for his garden. How long is this in meters?  
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- A carpenter made a cabinet with a height of 1,500 mm. What is the height in centimeters?  
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- Ben made three plant boxes with different lengths: 2.8 m, 1.3 m and 1.8 m. What is the total length of the plant boxes in centimeters?  
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- On a standard 400-meter running track, Joseph ran and finished three laps. How many kilometers did he run?  
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## Answers

$$1 \text{ km} = 1,000 \text{ m} = 100,000 \text{ cm} = 1,000,000 \text{ mm}$$

km	0.4	0.3	0.6	0.055	0.004	0.009
m	400	300	600	55	4	9
cm	40,000	30,000	60,000	5,500	400	900
mm	400,000	300,000	600,000	55,000	4,000	9,000

- The width of the frame 48 cm. What is the width in millimeters? **480 mm**
- Paul needs 2,000 cm of water hose for his garden. How long is this in meters? **20 m**
- A carpenter made a cabinet with a height of 1,500 mm. What is the height in centimeters? **150 cm**
- Ben made three plant boxes with different lengths: 2.8 m, 1.3 m and 1.8 m. What is the total length of the plant boxes in centimeters? **590 cm**
- On a standard 400-meter running track, Joseph ran and finished three laps. How many kilometers did he run? **1.2 km**