

# Metric Length Conversions Practice

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5th Grade Math Practice

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Solve each problem. Show your work when needed.

1. Convert 5 kilometers to meters:  $5 \text{ km} = \underline{\quad} \text{ m}$

2. Convert 250 centimeters to meters:  $250 \text{ cm} = \underline{\quad} \text{ m}$

3. A marathon is 42 kilometers long. How many meters is that?

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4. Sarah has a ribbon that is 150 centimeters long. How many meters is that?

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5. What comes next in the conversion sequence?  $1 \text{ km} = 1000 \text{ m}$ ,  $1 \text{ m} = \underline{\quad} \text{ cm}$

6. Circle the greater length: 150 cm or 1.5 m

7.  $1000 \text{ cm} = 10 \text{ m}$

True  False

8. Convert 3.5 meters to centimeters:  $3.5 \text{ m} = \underline{\quad} \text{ cm}$

9. If a book is 25 centimeters tall, how many meters tall is it?

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10. Convert 7 meters to centimeters:  $7 \text{ m} = \underline{\quad} \text{ cm}$

11. A pool is 10 meters long. How many centimeters is that?

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12. Convert 60 centimeters to meters:  $60 \text{ cm} = \underline{\quad} \text{ m}$

13. A race track is 2 kilometers long. How many meters is that?

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14. Circle the greater length: 5000 m or 5 km

15. What number comes next?  $1 \text{ km} = 1000 \text{ m}$ ,  $1 \text{ m} = 100 \text{ cm}$ ,  $1 \text{ cm} = \underline{\quad} \text{ mm}$

1. 5000 2. 2.5 3. 42000 4. 1.5 5. 100 6. 1.5 m 7. True 8. 350 9. 0.25 10. 700 11. 1000 12. 0.6 13. 2000 14. 5000 m 15. 10