


# Why Are Scales Like Roadmaps?

Do each exercise and find your answer in the set of answers to the right. Write the letter of the answer in the box containing the number of the exercise. If the answer has a , shade in the box instead of writing a letter in it.

I. Answer each question.

- ① How many mm are in 1 cm? \_\_\_\_\_  
 ② How many cm are in 1 m? \_\_\_\_\_  
 ③ How many m are in 1 km? \_\_\_\_\_



Answers 1 – 3:

- Ⓓ 10      Ⓗ 100  
 Ⓔ 1,000      Ⓘ 10,000

II. Complete each statement. You are changing each measure to a smaller unit.

- ④ 2.75 m = \_\_\_\_\_ cm  
 ⑤ 8.3 m = \_\_\_\_\_ cm  
 ⑥ 41.9 cm = \_\_\_\_\_ mm  
 ⑦ 6.25 cm = \_\_\_\_\_ mm  
 ⑧ 1.875 km = \_\_\_\_\_ m  
 ⑨ 27.5 km = \_\_\_\_\_ m  
 ⑩ 0.4 m = \_\_\_\_\_ cm  
 ⑪ 3.666 m = \_\_\_\_\_ dm



Answers 4 – 11:

- Ⓤ 3,666      Ⓢ 27,500  
 Ⓡ 6,250      ⓔ 830  
 419      Ⓚ 2.75  
 Ⓣ 40      ⓖ 1,875  
 Ⓦ 275      ⓓ 41,900  
 Ⓛ 18.75      ⓗ 62.5  
 36.66      Ⓒ 4,000

III. Complete each statement. You are changing each measure to a larger unit.

- ⑫ 12.5 mm = \_\_\_\_\_ cm  
 ⑬ 94 mm = \_\_\_\_\_ cm  
 ⑭ 375 m = \_\_\_\_\_ km  
 ⑮ 88 m = \_\_\_\_\_ km  
 ⑯ 643 cm = \_\_\_\_\_ m  
 ⑰ 2.5 cm = \_\_\_\_\_ m  
 ⑱ 250 mm = \_\_\_\_\_ dm  
 ⑲ 5,000 m = \_\_\_\_\_ km

Answers 12 – 19:

- ⓗ 0.375      Ⓡ 0.094  
 Ⓚ 0.25      Ⓦ 5  
 Ⓟ 500      Ⓞ 1.25  
 6.43      ⓔ 0.088  
 ⓗ 2.5       37.5  
 Ⓨ 9.4      Ⓤ 0.0643  
 ⓐ 8.8      Ⓢ 0.025

10	2	5	13	16	9	18	12	4	6	1	7	15	11	19	3	17	8	14
----	---	---	----	----	---	----	----	---	---	---	---	----	----	----	---	----	---	----