

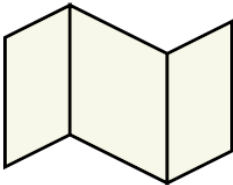


Math worksheet on 'Metric Unit Scale on Map - Power of 10 (less than 1000) - Change Unit (Level 1)'. Part of a broader unit on 'Measurement - Unit Conversion Intro - Metric'

Learn online:

[app.mobius.academy/math/units/measurement\\_unit\\_conversion\\_intro\\_metric/](http://app.mobius.academy/math/units/measurement_unit_conversion_intro_metric/)

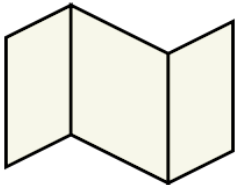
**1** The map has a scale of 1:1,000. How many decimeters would 7 mm on the map represent?



Scale: 1:1,000

<b>a</b>	7 dm	<b>b</b>	700 dm
<b>c</b>	70 dm	<b>d</b>	0.7 dm
<b>e</b>	0.07 dm		

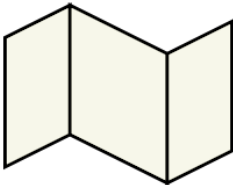
**2** The map has a scale of 1:10. How many decimeters would 6 mm on the map represent?



Scale: 1:10

<b>a</b>	6 dm	<b>b</b>	0.006 dm
<b>c</b>	600 dm	<b>d</b>	0.6 dm
<b>e</b>	60 dm		

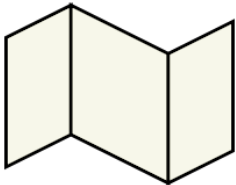
**3** The map has a scale of 1:1,000. How many hectometers would 5 cm on the map represent?



Scale: 1:1,000

<b>a</b>	0.05 hm	<b>b</b>	0.5 hm
<b>c</b>	5 hm	<b>d</b>	50 hm

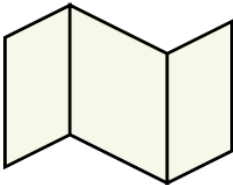
**4** The map has a scale of 1:100. How many decimeters would 6 cm on the map represent?



Scale: 1:100

<b>a</b>	6 dm	<b>b</b>	600 dm
<b>c</b>	60 dm	<b>d</b>	0.6 dm
<b>e</b>	0.06 dm		

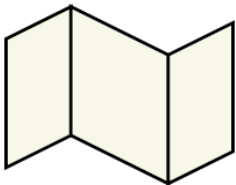
**5** The map has a scale of 1:1,000. How many decimeters would 9 mm on the map represent?



Scale: 1:1,000

<b>a</b>	900 dm	<b>b</b>	90 dm
<b>c</b>	9,000 dm	<b>d</b>	90,000 dm
<b>e</b>	0.09 dm		

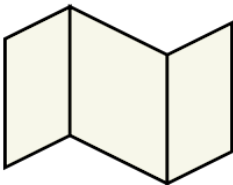
**6** The map has a scale of 1:1,000. How many meters would 4 mm on the map represent?



Scale: 1:1,000

<b>a</b>	4,000 m	<b>b</b>	0.04 m
<b>c</b>	0.004 m	<b>d</b>	400 m
<b>e</b>	4 m	<b>f</b>	0.4 m

**7** The map has a scale of 1:1,000. How many decimeters would 7 mm on the map represent?



Scale: 1:1,000

<b>a</b>	0.7 dam	<b>b</b>	0.007 dam
<b>c</b>	70 dam	<b>d</b>	0.0007 dam
<b>e</b>	700 dam	<b>f</b>	0.07 dam