Converting Lengths to the Next Smaller Unit



Enter the numbers in the place-value chart, then convert them to decimeters (dm).

	km			m			dm	cm	mm	
	H	T	O	H	T	O	O	O	O	
1.247 m										dm
3.09 m										dm
15.6 m										dm
28 m										dm

2.424 m = _____ dm

9.07 m = _____ dm

0.504 m = _____ dm

7.24 m = _____ dm

16.8 m = _____ dm

0.07 m = _____ dm

12.9 m = _____ dm

41 m = _____ dm

Enter the numbers in the place-value chart, then convert them to meters (m).

	km			m			dm	cm	mm	
	H	T	O	H	T	O	O	O	O	
3.854 km										m
0.504 km										m
13.2 km										m
6.07 km										m

7.6 km = _____ m

0.004 km = _____ m

0.105 km = _____ m

13 km = _____ m

45.2 km = _____ m

8.03 km = _____ m

25.2 km = _____ m

89.34 km = _____ m

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Enter the numbers in the place-value chart, then convert them to decimeters (dm).

	km			m			dm	cm	mm	
	H	T	O	H	T	O	O	O	O	
1.247 m						1	2	4	7	12.47 dm
3.09 m						3	0	9		30.9 dm
15.6 m					1	5	6			156 dm
28 m					2	8	0			280 dm

2.424 m = 24.24 dm

9.07 m = 90.7 dm

0.504 m = 5.04 dm

7.24 m = 72.4 dm

16.8 m = 168 dm

0.07 m = 0.7 dm

12.9 m = 129 dm

41 m = 410 dm

Enter the numbers in the place-value chart, then convert them to meters (m).

	km			m			dm	cm	mm	
	H	T	O	H	T	O	O	O	O	
3.854 km			3	8	5	4				3,854 m
0.504 km			0	5	0	4				504 m
13.2 km		1	3	2	0	0				13,200 m
6.07 km			6	0	7	0				6,070 m

7.6 km = 7,600 m

0.004 km = 4 m

0.105 km = 105 m

13 km = 13,000 m

45.2 km = 45,200 m

8.03 km = 8,030 m

25.2 km = 25,200 m

89.34 km = 89,340 m