Math Online School

Converting Lengths to the Next Larger Unit



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	
3.25 dm										m
10.8 dm										m
27.17 dm										m
501 dm										m

3.18 dm = _____ m

4.16 dm = _____ m

119 dm = _____ m

100.1 dm = _____ m

452.8 dm = _____ m

5 dm = _____ m

7,000 dm = _____ m

24 dm = _____ m

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

	km			m			dm	cm	mm	
	H	T	O	H	T	O	O	O	O	
2,050 m										km
4 m										km
27.8 m										km
3,016.1 m										km

5,800 m = _____ km

392 m = _____ km

7 m = _____ km

8,000 m = _____ km

25 m = _____ km

450.1 m = _____ km

65,002 m = _____ km

2,055.6 m = _____ km

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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		
3.25 dm						0	3	2	5	0.325	m
10.8 dm						1	0	8		1.08	m
27.17 dm						2	7	1	7	2.717	m
501 dm					5	0	1			50.1	m

3.18 dm = 0.318 m

4.16 dm = 0.416 m

119 dm = 11.9 m

100.1 dm = 10.01 m

452.8 dm = 45.28 m

5 dm = 0.5 m

7,000 dm = 700 m

24 dm = 2.4 m

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

	km			m			dm	cm	mm		
	H	T	O	H	T	O	O	O	O		
2,050 m			2	0	5	0				2.05	km
4 m			0	0	0	4				0.004	km
27.8 m			0	0	2	7	8			0.0278	km
3,016.1 m			3	0	1	6	1			3.0161	km

5,800 m = 5.8 km

392 m = 0.392 km

7 m = 0.007 km

8,000 m = 8 km

25 m = 0.025 km

450.1 m = 0.4501 km

65,002 m = 65.002 km

2,055.6 m = 2.0556 km