Math Online School

Metric Units of Length: Place Value Chart



Enter the lengths in the place-value chart, then write them as decimal numbers.

	km			m			
	H	T	O	H	T	O	
4 km 800 m			4	8	0	0	4.800 km
158 km 150 m	1	5	8	1	5	0	158.150 km
32 km 2 m		3	2	0	0	2	32.002 km

If a decimal number ends in one or more zeros, those zeros can be omitted.

Length	km			m			Length in kilometers as a decimal number
	H	T	O	H	T	O	
2 km 350 m			2	3	5	0	2.350 km 2.35 km
14 km 5 m							
780 m							
209 km 125 m							
4 km 16 m							
31 km 8 m							
400 km 100 m							
50 km 41 m							
207 km 20 m							
8 km 1 m							
9 km 305 m							

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	H	T	O	H	T	O	
4 km 800 m			4	8	0	0	4.800 km
158 km 150 m	1	5	8	1	5	0	158.150 km
32 km 2 m		3	2	0	0	2	32.002 km

If a decimal number ends in one or more zeros, those zeros can be omitted.

Length	km			m			Length in kilometers as a decimal number	
	H	T	O	H	T	O		
2 km 350 m			2	3	5	0	2.350 km	2.35 km
14 km 5 m		1	4	0	0	5		14.005 km
780 m			0	7	8	0	0.780 km	0.78 km
209 km 125 m	2	0	9	1	2	5		209.125 km
4 km 16 m			4	0	1	6		4.016 km
31 km 8 m		3	1	0	0	8		31.008 km
400 km 100 m	4	0	0	1	0	0	400.100 km	400.1 km
50 km 41 m		5	0	0	4	1		50.041 km
207 km 20 m	2	0	7	0	2	0	207.020 km	207.02 km
8 km 1 m			8	0	0	1		8.001 km
9 km 305 m			9	3	0	5		9.305 km