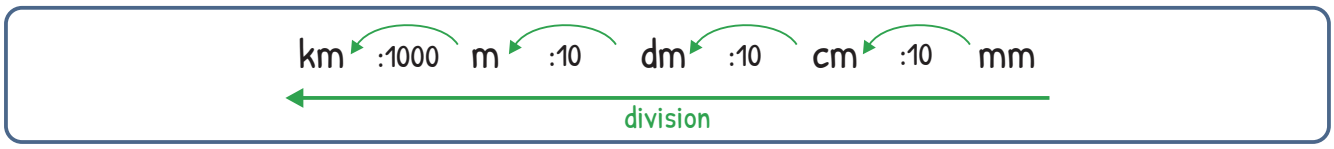
Math Online School

Converting Lengths to the Larger Units



Enter the numbers in the place-value chart, then convert them to larger units.

	km			m			dm	cm	mm	
	H	T	O	H	T	O	O	O	O	
3,002 m										km
406.1 dm										km
150 mm										dm
25.7 cm										m
20.45 dm										m
1,000.5 m										km
4,010.6 cm										dm
3,900 mm										m
2,600 m										km
31.05 dm										km
2,980 mm										cm



2,600 m = _____ km

1,250 mm = _____ cm

654 m = _____ km

160 dm = _____ m

25.5 cm = _____ dm

1,002 m = _____ km

600 cm = _____ m

5 mm = _____ m

45 cm = _____ dm

50,000 m = _____ km

7,900 cm = _____ m

84 dm = _____ m

650 mm = _____ cm

54,000 dm = _____ km

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Enter the numbers in the place-value chart, then convert them to larger units.

	km			m			dm	cm	mm		
	H	T	O	H	T	O	O	O	O		
3,002 m			3	0	0	2				3.002	km
406.1 dm			0	0	4	0	6	1		0.04061	km
150 mm							1	5	0	1.5	dm
25.7 cm						0	2	5	7	0.257	m
20.45 dm						2	0	4	5	2.045	m
1,000.5 m			1	0	0	0	5			1.0005	km
4,010.6 cm					4	0	1	0	6	401.06	dm
3,900 mm						3	9	0	0	3.9	m
2,600 m			2	6	0	0				2.6	km
31.05 dm			0	0	0	3	1	0	5	0.003105	km
2,980 mm						2	9	8	0	298	cm

km ←:1000– m ←:10– dm ←:10– cm ←:10– mm

division

2,600 m = 2.6 km

1,250 mm = 125 cm

654 m = 0.654 km

160 dm = 16 m

25.5 cm = 2.55 dm

1,002 m = 1.002 km

600 cm = 6 m

5 mm = 0.005 m

45 cm = 4.5 dm

50,000 m = 50 km

7,900 cm = 79 m

84 dm = 8.4 m

650 mm = 65 cm

54,000 dm = 5.4 km