Math Online School

Converting Lengths to the Next Larger Unit



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

	km			m			dm	cm	mm	
	H	T	O	H	T	O	O	O	O	
28 mm								2	8	2.8 cm
154 mm										cm
2 mm										cm
3,245 mm										cm

36 mm = _____ cm

190 mm = _____ cm

8.1 mm = _____ cm

100 mm = _____ cm

1,250 mm = _____ cm

48.6 mm = _____ cm

67 mm = _____ cm

20 mm = _____ cm

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	
2.4 cm										dm
125.3 cm										dm
0.9 cm										dm
56 cm										dm

120 cm = _____ dm

7.8 cm = _____ dm

30.5 cm = _____ dm

412 cm = _____ dm

300 cm = _____ dm

57 cm = _____ dm

64.3 cm = _____ dm

0.5 cm = _____ dm

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	km			m			dm	cm	mm	
	H	T	O	H	T	O	O	O	O	
28 mm								2	8	2.8 cm
154 mm							1	5	4	15.4 cm
2 mm								0	2	0.2 cm
3,245 mm						3	2	4	5	324.5 cm

36 mm = 3.6 cm

190 mm = 19 cm

8.1 mm = 0.81 cm

100 mm = 10 cm

1,250 mm = 125 cm

48.6 mm = 4.86 cm

67 mm = 6.7 cm

20 mm = 2 cm

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	
2.4 cm							0	2	4	0.24 dm
125.3 cm						1	2	5	3	12.53 dm
0.9 cm							0	0	9	0.09 dm
56 cm							5	6		5.6 dm

120 cm = 12 dm

7.8 cm = 0.78 dm

30.5 cm = 3.05 dm

412 cm = 41.2 dm

300 cm = 30 dm

57 cm = 5.7 dm

64.3 cm = 6.43 dm

0.5 cm = 0.05 dm