Math Online School

Converting Lengths to the Next Smaller Unit



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

	km			m			dm	cm	mm	
	H	T	O	H	T	O	O	O	O	
34.5 cm							3	4	5	345 mm
7.2 cm										mm
123.8 cm										mm
86 cm										mm

7.5 cm = _____ mm

429 cm = _____ mm

0.8 cm = _____ mm

0.1 cm = _____ mm

24.3 cm = _____ mm

60 cm = _____ mm

4.6 cm = _____ mm

15.5 cm = _____ mm

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	
2.87 dm										cm
31.4 dm										cm
2.09 dm										cm
16 dm										cm

3.9 dm = _____ cm

123 dm = _____ cm

12.42 dm = _____ cm

0.09 dm = _____ cm

0.6 dm = _____ cm

1.25 dm = _____ cm

12 dm = _____ cm

7.1 dm = _____ cm

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	km			m			dm	cm	mm	
	H	T	O	H	T	O	O	O	O	
34.5 cm							3	4	5	345 mm
7.2 cm								7	2	72 mm
123.8 cm						1	2	3	8	1,238 mm
86 cm							8	6	0	860 mm

7.5 cm = 75 mm

0.8 cm = 8 mm

24.3 cm = 243 mm

4.6 cm = 46 mm

429 cm = 4290 mm

0.1 cm = 1 mm

60 cm = 600 mm

15.5 cm = 155 mm

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	
2.87 dm							2	8	7	28.7 cm
31.4 dm						3	1	4		314 cm
2.09 dm							2	0	9	20.9 cm
16 dm						1	6	0		160 cm

3.9 dm = 39 cm

12.42 dm = 124.2 cm

0.6 dm = 6 cm

12 dm = 120 cm

123 dm = 1,230 cm

0.09 dm = 0.9 cm

1.25 dm = 12.5 cm

7.1 dm = 71 cm