Math Online School

Metric Units of Length: Place Value Chart



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

	m			dm	cm	mm	
	H	T	O	0	0	0	
23 cm 5 mm				2	3	5	23.5 cm
4 m 80 cm			4	8	0		4.80 m
28 m 1 cm		2	8	0	1		28.01 m

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

Length	m			dm	cm	mm	Length in meters and centimeters as a decimal number
	H	T	O	0	0	0	
23 cm 7 mm				2	3	7	23.7 cm
5 cm 2 mm							cm
6 m 20 cm							m
17 m 3 cm							m
480 m 14 cm							m
29 cm 3 mm							cm
105 m 76 cm							m
1 dm 9 cm							dm
20 m 4 cm							m
15 cm 2 mm							cm
100 m 1 cm							m

Math Online School

Metric Units of Length: Place Value Chart



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

	m			dm	cm	mm	
	H	T	O	O	O	O	
23 cm 5 mm				2	3	5	23.5 cm
4 m 80 cm			4	8	0		4.80 m
28 m 1 cm		2	8	0	1		28.01 m

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

Length	m			dm	cm	mm	Length in meters and centimeters as a decimal number
	H	T	O	O	O	O	
23 cm 7 mm				2	3	7	23.7 cm
5 cm 2 mm					5	2	5.2 cm
6 m 20 cm			6	2	0		6.20 m 6.2 m
17 m 3 cm		1	7	0	3		17.03 m
480 m 14 cm	4	8	0	1	4		480.14 m
29 cm 3 mm				2	9	3	29.3 cm
105 m 76 cm	1	0	5	7	6		105.76 m
1 dm 9 cm				1	9		1.9 dm
20 m 4 cm		2	0	0	4		20.04 m
15 cm 2 mm				1	5	2	15.2 cm
100 m 1 cm	1	0	0	0	1		100.01 m