Math Online School

Metric Units of Weight: Place Value Chart



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

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

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

Weight	kg			g			Weight as a decimal number
	H	T	O	H	T	O	
4 kg 150 g			4	1	5	0	4.150 kg 4.15 kg
12 kg 5 g							
930 g							
608 kg 1 g							
4 kg 175 g							
82 kg 40 g							
500 kg 300 g							
40 kg 67 g							
807 kg 2 g							
4 kg 10 g							
10 kg 508 g							

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	H	T	O	H	T	O		
4 kg 150 g			4	1	5	0	4.150 kg	4.15 kg
12 kg 5 g		1	2	0	0	5		12.005 kg
930 g			0	9	3	0	0.930 kg	0.93 kg
608 kg 1 g	6	0	8	0	0	1		608.001 kg
4 kg 175 g			4	1	7	5		4.175 kg
82 kg 40 g		8	2	0	4	0	82.040 kg	82.04 kg
500 kg 300 g	5	0	0	3	0	0	500.300 kg	500.3 kg
40 kg 67 g		4	0	0	6	7		40.067 kg
807 kg 2 g	8	0	7	0	0	2		807.002 kg
4 kg 10 g			4	0	1	0	4.010 kg	4.01 kg
10 kg 508 g		1	0	5	0	8		10.508 kg