Math Online School

Metric Units of Weight: Kilograms and Grams



1 kilogram = 1000 grams

1 kg = 1000 g

1.365 kg = 1 kg 365 g = 1,365 g

2.008 kg = 2 kg 8 g = 2,008 g

Fill in the missing numbers.

kg	kg and g	g
3.15 kg	3 kg 150 g	
21.7 kg		21,700 g
		5,023 g

kg	kg and g	g
	14 kg 5 g	
		8,206 g
0.571 kg		

If a decimal number has one or more zeros at the end, they can be omitted.
Rewrite the decimal numbers that can be written with fewer decimal places.

6.260 kg = _____

60.20 kg = _____

35.02 kg = _____

3.700 kg = _____

15.009 kg = _____

0.047 kg = _____

Match the equivalent measurements.

5 kg	5.01 kg	half a kilogram	501 g
0.05 kg	5 kg 100 g	5,000 g	5,010 g
500 g	50 g	0.501 kg	5,100 g

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1.365 kg = 1 kg 365 g = 1,365 g

2.008 kg = 2 kg 8 g = 2,008 g

Fill in the missing numbers.

kg	kg and g	g
3.15 kg	3 kg 150 g	3,150 g
21.7 kg	21 kg 700 g	21,700 g
5.023 kg	5 kg 23 g	5,023 g

kg	kg and g	g
14.005 kg	14 kg 5 g	14,005 g
8.206 kg	8 kg 206 g	8,206 g
0.571 kg	0 kg 571 g	571 g

If a decimal number has one or more zeros at the end, they can be omitted.
Rewrite the decimal numbers that can be written with fewer decimal places.

6.260 kg = 6.26 kg

60.20 kg = 60.2 kg

35.02 kg = _____

3.700 kg = 3.7 kg

15.009 kg = _____

0.047 kg = _____

Match the equivalent measurements.

