

MATHS WORKSHEETS- MASS- CONVERSION OF UNITS OF MASS

Convert the following to the units shown.

1	1	t	=	kg	19	905	g	=	kg
2	3.5	t	=	kg	20	100	g	=	kg
3	9.65	t	=	kg	21	1	mg	=	kg
4	12.4	t	=	kg	22	23400	mg	=	kg
5	9.25	t	=	kg	23	4250	mg	=	kg
6	35	t	=	kg	24	50000	mg	=	kg
7	145	t	=	kg	25	70000	mg	=	kg
8	6.74	t	=	kg	26	8700	mg	=	kg
9	65	t	=	kg	27	34000	mg	=	kg
10	350	t	=	kg	28	560000	mg	=	kg
11	1	g	=	kg	29	90000	mg	=	kg
12	3.67	g	=	kg	30	10000	mg	=	kg
13	24.6	g	=	kg	31	1	kg	=	g
14	0.5	g	=	kg	32	2.5	kg	=	g
15	23001	g	=	kg	33	350	kg	=	g
16	3560	g	=	kg	34	440	kg	=	g
17	45.34	g	=	kg	35	500	kg	=	g
18	0.56	g	=	kg	36	60	kg	=	g

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37	7.5	kg	=	g	56	0.00036	t	=	g
38	8.24	kg	=	g	57	0.005	t	=	g
39	9.96	kg	=	g	58	0.643	t	=	g
40	100	kg	=	g	59	0.0075	t	=	g
41	1	mg	=	g	60	0.004	t	=	g
42	2	mg	=	g	61	1	kg	=	t
43	3	mg	=	g	62	345	kg	=	t
44	4	mg	=	g	63	964	kg	=	t
45	5	mg	=	g	64	7834	kg	=	t
46	6	mg	=	g	65	3400	kg	=	t
47	7	mg	=	g	66	8600	kg	=	t
48	8	mg	=	g	67	7350	kg	=	t
49	9	mg	=	g	68	8000	kg	=	t
50	10	mg	=	g	69	9500	kg	=	t
51	1	t	=	g	70	10500	kg	=	t
52	0.025	t	=	g	71	1	mcg	=	mg
53	0.006	t	=	g	72	6000	mcg	=	mg
54	0.6734	t	=	g	73	36000	mcg	=	mg
55	0.0004	t	=	g	74	400	mcg	=	mg

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75	4300	mcg =			mg	93	4242352	mcg =			g
76	3580	mcg =			mg	94	4242	mcg =			g
77	2340	mcg =			mg	95	0.56	mcg =			g
78	8500	mcg =			mg	96	600000	mcg =			g
79	9800	mcg =			mg	97	7609800	mcg =			g
80	10200	mcg =			mg	98	880000	mcg =			g
81	1	kg =			mg	99	950000	mcg =			g
82	2.5652	kg =			mg	100	107500	mcg =			g
83	0.005	kg =			mg	101	1	g =			mg
84	0.0007	kg =			mg	102	434	g =			mg
85	0.0012	kg =			mg	103	3430	g =			mg
86	0.0067	kg =			mg	104	0.005	g =			mg
87	70	kg =			mg	105	5.876	g =			mg
88	0.0064	kg =			mg	106	0.006	g =			mg
89	0.4375	kg =			mg	107	0.532	g =			mg
90	0.0007	kg =			mg	108	800.53	g =			mg
91	1	mcg =			g	109	0.654	g =			mg
92	2500	mcg =			g	110	0.7534	g =			mg

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1 t	=	1000		kg
1 g	=	1/1000 = 0.001		kg
1 mg	=	0.000001 = 1/1000000		kg
1 kg	=	1000		g
1 mg	=	0.001 = 1/1000		g
1 t	=	1000000		g
1 kg	=	0.001 = 1/1000		t
1 mcg	=	0.001 = 1/1000		mg
1 kg	=	1000000		mg
1 mcg	=	0.000001 = 1/1000000		g
1 g	=	1000		mg

Answer Key:

1	1000	25	0.07	49	0.009	73	36	97	7.6098
2	3500	26	0.0087	50	0.01	74	0.4	98	0.88
3	9650	27	0.034	51	1000000	75	4.3	99	0.95
4	12400	28	0.56	52	25000	76	3.58	100	0.1075
5	9250	29	0.09	53	6000	77	2.34	101	1000
6	35000	30	0.01	54	673400	78	8.5	102	434000
7	145000	31	1000	55	400	79	9.8	103	3430000
8	6740	32	2500	56	360	80	10.2	104	5
9	65000	33	350000	57	5000	81	1000000	105	5876
10	350000	34	440000	58	643000	82	2565200	106	6
11	0.001	35	500000	59	7500	83	5000	107	532
12	0.00367	36	60000	60	4000	84	700	108	800530
13	0.0246	37	7500	61	0.001	85	1200	109	654
14	0.0005	38	8240	62	0.345	86	6700	110	753.4
15	23.001	39	9960	63	0.964	87	70000000		
16	3.56	40	100000	64	7.834	88	6400		
17	0.04534	41	0.001	65	3.4	89	437500		
18	0.00056	42	0.002	66	8.6	90	700		
19	0.905	43	0.003	67	7.35	91	0.000001		
20	0.1	44	0.004	68	8	92	0.0025		
21	0.000001	45	0.005	69	9.5	93	4.242352		
22	0.0234	46	0.006	70	10.5	94	0.004242		
23	0.00425	47	0.007	71	0.001	95	0.00000056		
24	0.05	48	0.008	72	6	96	0.6		