

### CONVERSION PRACTICE ANSWERS

1	1.86 miles	16	125,984 in	31	180 min	46	0.0245 m/s	61	273.15 K
2	48 inches	17	4.31 gallons	32	10,800 s	47	45.73 mi/h	62	373.15 K
3	25.4 cm	18	0.235 kg	33	810 s	48	4 gal/min	63	250.45 K
4	14.3 L	19	$8.5 \times 10^{-4}$ km	34	2.01 h	49	0.365 L/h	64	-173.15 °C
5	17.5 cm <sup>3</sup>	20	0.226m	35	1296 s	50	190.78 L/h	65	-61.15 °C
6	11.27km	21	42.0 acres	36	55.4 min	51	91.2 cm <sup>3</sup> /min	66	305.37 K
7	1.09 kg	22	225.99 ha	37	2838 s	52	790.1 gal/h	67	364.2 K
8	5.3 lbs	23	1.26 acres	38	40680 L/hour	53	100 °C	68	652 mg/kg
9	0.224 kg	24	0.0026 ha	39	36.1 m/s	54	-17.8 °C	69	2.853 g/kg
10	$1 \times 10^{-5}$ km <sup>2</sup>	25	0.0017 m <sup>3</sup>	40	2052000 cm/h	55	-5.56 °C	70	0.003 g/kg
11	0.001 km	26	70,000 cm <sup>3</sup>	41	$1.97 \times 10^{-4}$ m/s	56	-59.4 °C	71	0.007 mg/g
12	4.46 gallons	27	786.58 cm <sup>3</sup>	42	29.124 km/h	57	241.15 K	72	0.092 mg/g
13	1.22 m	28	$1.07 \times 10^{-4}$ m <sup>3</sup>	43	$1.36 \times 10^{-8}$ mi/s	58	461.9 °C	73	612000 ppm
14	4.09 in <sup>2</sup>	29	0.53 h	44	2.1 m/s	59	1657.9 °C	74	71000 ppm
15	0.13 km	30	0.53 min	45	8.7 km/h	60	-297.15 °C		