

1.1 Metric Conversion Worksheet

1. Write the prefixes for the metric system in order, left to right.

Convert the following:

2. 4 m = _____mm 3. 49 cm = _____m 4. 16 kg = _____g

5. 97 cm = _____mm 6. 25 l = _____ml 7. 437 mg = _____g

8. 4.3 km = _____m 9. 5 mm = _____cm 10. 1.6 l = _____ml

11. 87.5 cm = _____m 12. 9762 g = _____kg 13. 8.9 cm = _____mm

14. 3.42 m = _____cm 15. 576 l = _____kl 16. 56 g = _____mg

17. 97.62kg = _____g 18. 2.5 kl = _____l 19. 4.37 mg = _____g

Each of your answers for the above questions has been assigned word.

500	.437	43.7	.97	.49	1600	25000	160	4300	16000	970	4000	.5
pond	to	jump	from	did	Paris	decide	Texas	move	the	frog	why	to

9.762	56000	97.62	25	.875	.00437	57.6	2500	437	.576	342	89	97620
he	served	croak	steak	because	flies	tried	French	bugs	meals	his	wanted	with

In the answer boxes below, write the word that corresponds with the answer to solve the riddle!

2	3	4	5	6	7	8	9	10
								?
11	12	13	14	15	16	17	18	19

Metric Conversion Worksheet

1. Write the prefixes for the metric system in order, left to right.

kilo hecto deca unit deci centi milli

Do each exercise and find your answer in the column. Write the word next to the answer in the box containing the problem number.

2. 4 m = 4000 mm 3. 49 cm = .49 m 4. 16 kg = 16000g

5. 97 cm = 970 mm 6. 25 l = 25000ml 7. 437 mg = .437 g

8. 4.3 km = 4300 m 9. 5 mm = .5 cm 10. 1.6 l = 1600 ml

11. 87.5 cm = .875 m 12. 9762 g = 9.762kg 13. 8.9 cm = 89 mm

14. 3.42 m = 342 cm 15. 576 l = .576 kl 16. 56 g = 56000mg

17. 97.62kg = 97620g 18. 2.5 kl = 2500 l 19. 4.37 mg = .00437g

500		.437	43.7	.97	.49	1600	25000	160	4300	16000	970	4000	.5
pond		to	jump	from	did	Paris	decide	Texas	move	the	frog	why	to

9.762	56000	97.62	25	.875	.00437	57.6	2500	437	.576	342	89	97620
he	served	croak	steak	because	flies	tried	French	bugs	meals	his	wanted	with

2	3	4	5	6	7	8	9	10	?
why	did	the	frog	decide	to	move	to	Paris	

11	12	13	14	15	16	17	18	19
because	he	wanted	his	meals	served	with	French	flies