

Next

Name: _____ Score: _____
Teacher: _____ Date: _____

Converting English and Metric

1) .262	cubic yards	=	.2	cubic meters
2) 15.5	inches	=	39.37	centimeters
3) 150.69	square feet	=	14	square meters
4) 3.73	miles	=	6	kilometers
5) 17.94	square yards	=	15	square meters
6) 1.64	feet	=	51.0	meters
7) 17	square inches	=	109.68	square centimeters
8) 25	feet	=	7.62	meters
9) 2.5	cubic feet	=	.07	cubic meters
10) .04	cubic inches	=	.65	milliliters
11) .177.6	square feet	=	16.5	square meters
12) 5.5	cubic feet	=	.16	cubic meters
13) .8	square inches	=	51.61	square centimeters
14) 20	yards	=	18.29	meters
15) 32.81	feet	=	10	meters
16) 5.31	inches	=	13.5	centimeters
17) .7	miles	=	11.27	kilometers
18) 21.5	fluid ounces	=	636.83	milliliters
19) 14.35	square yards	=	12	square meters
20) .19.5	fluid ounces	=	576.68	milliliters

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Name _____ Date _____ Hour _____

Metric Conversion Worksheet

Convert the following. Write your answers in the spaces provided.

1. 256 m = _____ cm	21. 86 g = _____ mg
2. 97.25 cm = _____ mm	22. 87.2 mm = _____ cm
3. 952 g = _____ mg	23. 1 mm = _____ cm
4. 574 m = _____ cm	24. 973.5 cm = _____ km
5. 5.287 l = _____ ml	25. .534 cm = _____ m
6. 785.3 km = _____ m	26. 984 g = _____ kg
7. 84.363 km = _____ cm	27. 8.64 m = _____ mm
8. 872 km = _____ mm	28. 64.3 ml = _____ l
9. 95.824 km = _____ mm	29. 8.47 km = _____ m
10. 8.26 kl = _____ ml	30. 74.201 mm = _____ km
11. 36 mm = _____ cm	31. .24 mg = _____ kg
12. 857 cm = _____ mm	32. 7.4 km = _____ l
13. 8.52 mg = _____ g	33. 874 m = _____ cm
14. 97.5 mm = _____ cm	34. 1 cm = _____ km
15. 9.824 cm = _____ m	35. 8.412 mm = _____ m
16. 74.21 cm = _____ km	36. 68.2 mg = _____ g
17. .254 g = _____ kg	37. 8.5743 cm = _____ km
18. 96 mm = _____ km	38. 95.870 m = _____ mm
19. 12.5 cm = _____ m	39. 547 kl = _____ ml
20. .85 ml = _____ l	40. 1 km = _____ mm



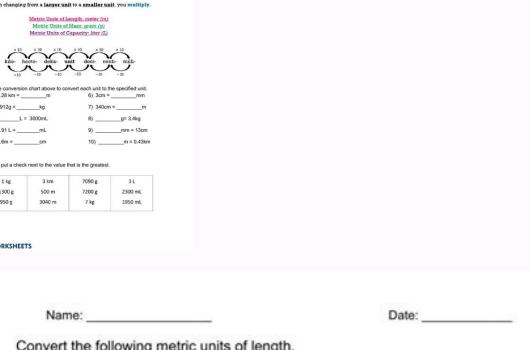
Metric Unit Conversion HW

Name _____ Date _____ Period _____

Let's practice some more unit conversions now! Convert the following!

1. 88 mm	=	_____ cm
2. 5.7 km	=	_____ m
3. 18,500 ml	=	_____ L
4. 15,300 g	=	_____ kg
5. 0.023 kg	=	_____ mg
6. 0.3 cm	=	_____ mm
7. 5,287.945 mm	=	_____ km
8. 12,300 ml	=	_____ L
9. 0.007 km	=	_____ mm
10. 0.008 km	=	_____ cm
11. 0.013 L	=	_____ ml
12. 82,800 ml	=	_____ L
13. 0.005 L	=	_____ ml
14. 12,490 m	=	_____ km
15. 0.065 km	=	_____ m
16. 984,900 g	=	_____ kg
17. 0.048 g	=	_____ mg

Great Job! We will review this briefly in class!



1) 5 km = _____ m	2) 600 cm = _____ m
3) 8 cm = _____ mm	4) _____ km = 4000 m
5) _____ m = 900 cm	6) 120 mm = _____ cm
7) 7 km = _____ m	8) 14 cm = _____ mm
9) 12 m = _____ cm	10) _____ km = 13,000 m
11) _____ cm = 130 mm	12) 1400 cm = _____ m

Which is the most? Circle the largest amount in each box.

100 m	3 km	380 cm	9020 m
1 km	2850 m	4000 mm	20,920 m

Use greater than (>), less than (<) or equals (=) to compare the amounts.

1) 3 km	>	2000 m	2) 1000 m	<	1 km
3) 5 cm	<	5 mm	4) 4000 m	>	4 km
5) 7 m	<	500 cm	6) 6 cm	>	80 mm
7) 30 mm	<	3 cm	8) 800 cm	<	7 m
9) 40 cm	>	4 m	10) 5 km	<	4900 m

Use greater than (>), less than (<) or equals (=) to compare the amounts.

1) 1 km	>	2000 m	2) 1000 m	<	1 km
3) 5 cm	<	5 mm	4) 4000 m	>	4 km
5) 7 m	<	500 cm	6) 6 cm	>	80 mm
7) 30 mm	<	3 cm	8) 800 cm	<	7 m
9) 40 cm	>	4 m	10) 5 km	<	4900 m

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