

Corrective

Unit I

Name: _____

Date: _____

Per. _____

Metric Conversions

If you are reading this you are having problems converting metrics. We are going to try an alternate method for converting metrics. It is called the **"Metric Stair Master,"** and it works like this:

Using the table below, you simply move the numbers up or down within their respective columns making sure to add zero's where there are empty boxes. Make sure to be aware of the decimal point, because this is what determines the placement of the number.

Look at the example below: $57.5 \text{ dm} = 5,750 \text{ mm}$ and $57.5 \text{ dm} = .00575 \text{ dm}$. Make sure to keep the numbers in the columns, and be aware of the decimal point.

							Milli	Decimal
			5,	7	5	0	Centi	
			↑	↑	↑			
					Deci			
			5	Meter Liter Gram	5			
				Deka				
		Hecta						
	Kilo							

Use the Stair Master to answer the problems on the back.

0 0 5 7 5

Set I

1. 1000 cl = _____ L
2. 120 mm = _____ cm
3. 1200 cl = _____ L

4. 2 cm = _____ mm
5. 11000 L = _____ kl
6. 10 cl = _____ ml

7. 12000 m = _____ km
8. 8 g = _____ cg
9. 80 ml = _____ cl

10. 3 L = _____ cl
11. 2000 L = _____ kl
12. 5 cm = _____ mm

13. 900 cm = _____ m
14. 11 cg = _____ mg
15. 9000 m = _____ km

16. 7000 ml = _____ L
17. 5 kg = _____ g
18. 60 mm = _____ cm

19. 1 kg = _____ g
20. 4000 ml = _____ L
21. 1 cl = _____ ml

22. 1100 cl = _____ L
23. 10000 g = _____ kg
24. 2000 ml = _____ L

25. 7000 L = _____ kl
26. 70 ml = _____ cl
27. 5 g = _____ cg

28. 9 cl = _____ ml
29. 1 g = _____ cg
30. 8 kg = _____ g

31. 6 g = _____ cg
32. 6 km = _____ m
33. 30 mg = _____ cg

Set II

1. 2 kg = _____ g
2. 100 mg = _____ cg
3. 1200 cg = _____ g

4. 8 cg = _____ mg
5. 500 cm = _____ m
6. 9 cl = _____ ml

7. 5000 g = _____ kg
8. 1100 cl = _____ L
9. 30 ml = _____ cl

10. 100 cm = _____ m
11. 110 mm = _____ cm
12. 12 kg = _____ g

13. 8 L = _____ ml
14. 1000 g = _____ kg
15. 60 mg = _____ cg

16. 4000 g = _____ kg
17. 9 g = _____ mg
18. 10 kl = _____ L

19. 1 cg = _____ mg
20. 9000 L = _____ kl
21. 40 mg = _____ cg

22. 4000 mm = _____ m
23. 50 mm = _____ cm
24. 2000 mm = _____ m

25. 7 cl = _____ ml
26. 3 kl = _____ L
27. 7000 ml = _____ L

28. 2 cm = _____ mm
29. 3 g = _____ cg
30. 11000 g = _____ kg

31. 10 L = _____ ml
32. 7000 g = _____ kg
33. 600 cg = _____ g