

1. Prepare yourself by making  $x$  the subject in each of the following cases:

2. In each case, make the letter at the end the subject of the formula.

1a) $y = x + a$	1e) $y = \frac{x}{5}$	2a) $y = mx + c, (c)$	2d) $2s = 2ut + at^2, (a)$
1b) $y = 2x - a$	1f) $2w = 3x$	2b) $y = mx + c, (m)$	2e) $v^2 = u^2 + 2as, (a)$
1c) $y = 2x + 7$	1g) $ax - y = 2y$	2c) $v^2 = u^2 + 2as, (s)$	2f) $y = a^2x + b^2, (x)$
1d) $y = 7 - 2x$	1h) $1ax - y + z = b$		

## METRIC CONVERSION WORKSHEET

NAME: \_\_\_\_\_ Period: \_\_\_\_\_

Convert the following:

1. 36.52 mg = \_\_\_\_\_ g
2. 14.72 kg = \_\_\_\_\_ mg
3. .0035 hm = \_\_\_\_\_ dm
4. 0.134 m = \_\_\_\_\_ km
5. 25 mm = \_\_\_\_\_ cm
6. 2.5 cm<sup>3</sup> = \_\_\_\_\_ mL
7. 243 daL = \_\_\_\_\_ L
8. 45.23 L = \_\_\_\_\_ mL
9. 0.035 hL = \_\_\_\_\_ cL
10. 27.32 mm = \_\_\_\_\_ m
11. 15 m = \_\_\_\_\_ dm
12. 0.023 cc = \_\_\_\_\_ L
13. 0.00049 km = \_\_\_\_\_ mm
14. 0.025 kg = \_\_\_\_\_ g
15. 15 g = \_\_\_\_\_ hg

Here's a chart to help you with your conversions!

Kilo	Hecto	Deka	Main	Deci	Centi	Milli
1,000	100	10	1	.1	.01	.001