

What happens to the mass of magnesium when it burns?

Set of specimen results **Completed table**

	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
Mass of crucible and lid (g)	25.00	25.00	25.00	25.00	25.00	25.00
Mass of crucible and lid plus magnesium before heating (g)	25.24	25.12	25.18	25.30	25.50	25.40
Mass of crucible and lid plus contents after heating (g)	25.40	25.20	25.32	25.50	25.84	25.66
Mass of magnesium (g)	0.24	0.12	0.18	0.30	0.50	0.40
Mass of magnesium oxide (g)	0.40	0.20	0.32	0.50	0.84	0.66