

MTH 4-06b

Homework 3

Silver Level

**Outcome 1 - Large Numbers → Sci Not**

Write the following large numbers in scientific notation...

1	63 000	2	87 000 000
3	510 000	4	4 500 000
5	3600	6	2 400 000 000
7	840	8	190 000 000

Outcome 3 - Small Numbers → Sci Not

Write the following small numbers in scientific notation...

1	0.79	2	0.00028
3	0.0036	4	0.00000052
5	0.000084	6	0.0065
7	0.041	8	0.000000000017

Outcome 2 - Sci Not → Large Numbers

These numbers are in scientific notation. Write them in number form.

1	5.7×10^6	2	4.3×10^7
3	4.6×10^8	4	8.6×10^{10}
5	2.7×10^4	6	3.9×10^9
7	6.5×10^3	8	7.8×10^2

Outcome 4 - Sci Not → Small Numbers

These numbers are in scientific notation. Write them in number form.

1	8.3×10^{-5}	2	7.2×10^{-1}
3	1.5×10^{-7}	4	5.4×10^{-4}
5	8.7×10^{-3}	6	3.1×10^{-6}
7	2.6×10^{-1}	8	4.8×10^{-8}