

Scientific Notation

1. Put the number 134000 in scientific notation.

- a) $134 * 10^3$
- b) $1.34 * 10^5$
- c) $1.34 * 10^6$
- d) $1.34 * 10^{-3}$

2. Put the number 251200 in scientific notation.

- a) $2.512 * 10^6$
- b) $2512 * 10^{-2}$
- c) $2.512 * 10^5$
- d) $2512 * 10^2$

3. Put the number 43000000 in scientific notation.

- a) $43 * 10^6$
- b) $43 * 10^{-6}$
- c) $4.3 * 10^7$
- d) $4.3 * 10^8$

4. Put the number 9700000 in scientific notation.

- a) $97 * 10^{-5}$
- b) $9.7 * 10^7$
- c) $97 * 10^5$
- d) $9.7 * 10^6$

5. Put the number 4986627 in scientific notation.

- a) $4.98 * 10^7$
- b) $4986627 * 10^7$
- c) $4.986627 * 10^6$
- d) $4986627 * 10^{-7}$

6. Put the number 0.000458 in scientific notation.

- a) $4.58 * 10^{-4}$
- b) $458 * 10^3$
- c) $4.58 * 10^3$
- d) $458 * 10^{-3}$

7. Put the number 0.003766 in scientific notation.

- a) $3766 * 10^{-4}$
- b) $3.766 * 10^{-3}$
- c) $3.766 * 10^{-2}$
- d) $3766 * 10^4$

8. Put the number 0.29775 in scientific notation.

- a) $29775 * 10^5$
- b) $2.9775 * 10^{-1}$
- c) $29775 * 10^{-5}$
- d) $2.9775 * 10^0$

9. Put the number 0.00000008 in scientific notation.

- a) $8 * 10^{-7}$
- b) $8 * 10^1$
- c) $8 * 10^{-1}$
- d) $8 * 10^{-8}$

10. Put the number 0.9873000 in scientific notation.

- a) $9873 * 10^4$
- b) $9.873 * 10^{-1}$
- c) $9.873 * 10^{-4}$
- d) $9.873 * 10^0$

11. Put the number $3.5 * 10^3$ in standard form.

- a) 350
- b) 42.875
- c) 35
- d) 3500

12. Put the number $4.26 * 10^5$ in standard form.

- a) 42600000
- b) 1402.96...
- c) 426000
- d) 42600

13. Put the number $7.8006 * 10^7$ in standard form.

- a) 1757.502...
- b) 7800600
- c) 78006000
- d) 780060000000

14. Put the number $2.35047 * 10^{12}$ in standard form.

- a) 28435.217...
- b) 2350470000000000000
- c) 235047000000
- d) 2350470000000

15. Put the number $2.489334 * 10^3$ in standard form.

- a) 248.9334
- b) 2489334000
- c) 15.425...
- d) 2489.334

16. Put the number $2.35 * 10^{-4}$ in standard form.

- a) 0.000235
- b) 0.03278...
- c) 0.0000235
- d) 2350000

17. Put the number $3.987 * 10^{-6}$ in standard form.

- a) 0.0000003987
- b) 0.000003987
- c) 0.0002489...
- d) 3987000000

18. Put the number $5.92247 * 10^{-8}$ in standard form.

- a) 0.00000000592247
- b) 59224700000000
- c) 0.00000661...
- d) 0.000000592247

19. Put the number $4.3061 * 10^{-1}$ in standard form.

- a) 0.043061
- b) 0.43061
- c) 0.2322...
- d) 430610

20. Put the number $3.021 * 10^0$ in standard form.

- a) 1
- b) 0.3021
- c) 30210
- d) 3.021