

Module 3/ Scientific Notation**Worksheet****Write each number in standard format.**

1) $9.444 \times 10^6 =$ _____

2) $1.45 \times 10^{-8} =$ _____

3) $8.6736 \times 10^3 =$ _____

4) $1.5748 \times 10^{-2} =$ _____

5) $3.4448 \times 10^{-1} =$ _____

6) $6.51 \times 10^4 =$ _____

7) $8.7477 \times 10^7 =$ _____

8) $4.43 \times 10^2 =$ _____

9) $3.499 \times 10^{-5} =$ _____

10) $9.08 \times 10^9 =$ _____

Write each number in scientific notation.

11) $37.58 =$ _____

12) $193500 =$ _____

13) $0.0001163 =$ _____

14) $0.00000000502690 =$ _____

15) $0.000176 =$ _____

16) $0.000000860580 =$ _____

17) $97190 =$ _____

18) $0.000001640 =$ _____

19) $695900000 =$ _____

20) $0.0018987 =$ _____

Answer Key

Write each number in standard format.

- 1) $9.444 \times 10^6 = 9444000$
- 2) $1.45 \times 10^{-8} = 0.00000001450$
- 3) $8.6736 \times 10^3 = 8673.6$
- 4) $1.5748 \times 10^{-2} = 0.015748$
- 5) $3.4448 \times 10^{-1} = 0.34448$
- 6) $6.51 \times 10^4 = 65100$
- 7) $8.7477 \times 10^7 = 87477000$
- 8) $4.43 \times 10^2 = 443$
- 9) $3.499 \times 10^{-5} = 0.000034990$
- 10) $9.08 \times 10^9 = 9080000000$

Write each number in scientific notation.

- 11) $37.58 = 3.758 \times 10^1$
- 12) $193500 = 1.935 \times 10^5$
- 13) $0.0001163 = 1.163 \times 10^{-4}$
- 14) $0.00000000502690 = 5.02690 \times 10^{-9}$
- 15) $0.000176 = 1.76 \times 10^{-4}$
- 16) $0.000000860580 = 8.60580 \times 10^{-7}$
- 17) $97190 = 9.719 \times 10^4$
- 18) $0.000001640 = 1.640 \times 10^{-6}$
- 19) $695900000 = 6.959 \times 10^8$
- 20) $0.0018987 = 1.8987 \times 10^{-3}$