

Standard and Scientific Notation

Answer Key

A) Express each number in scientific notation.

$$1) \ 0.01935 = \underline{1.935 \times 10^{-2}} \qquad 2) \ 31,270 = \underline{3.127 \times 10^4}$$

$$3) \ 80 = \underline{8 \times 10^1} \qquad 4) \ 926.44 = \underline{9.2644 \times 10^2}$$

$$5) \ 0.000687 = \underline{6.87 \times 10^{-4}} \qquad 6) \ 5,900 = \underline{5.9 \times 10^3}$$

$$7) \ 0.0054036 = \underline{5.4036 \times 10^{-3}} \qquad 8) \ 0.27 = \underline{2.7 \times 10^{-1}}$$

B) Express each number in standard notation.

$$1) \ 4.3 \times 10^4 = \underline{43,000} \qquad 2) \ 5.367 \times 10^{-1} = \underline{0.5367}$$

$$3) \ 7.2501 \times 10^{-3} = \underline{0.0072501} \qquad 4) \ 8.02 \times 10^2 = \underline{802}$$

$$5) \ 2.36 \times 10^0 = \underline{2.36} \qquad 6) \ 9.5 \times 10^{-4} = \underline{0.00095}$$

$$7) \ 1.258 \times 10^{-2} = \underline{0.01258} \qquad 8) \ 3.1234 \times 10^3 = \underline{3123.4}$$