

Scientific Notation | Multiplication

Simplify each problem and express the answer in scientific notation.

<p><i>Example:</i> $(4.1 \times 10^{-2})(9.5 \times 10^{-3})$</p> $(4.1 \times 10^{-2})(9.5 \times 10^{-3})$ $= (4.1 \times 9.5) \times (10^{-2} \times 10^{-3})$ $= 38.95 \times 10^{-2-3}$ $= 38.95 \times 10^{-5}$ $= 3.895 \times 10^{-4}$ <p>Answer: 3.895×10^{-4}</p>	$(3 \times 10^{-1})(7 \times 10^{-4})$ <p>Answer:</p>
$(2.7 \times 10^{-5})(1.6 \times 10^{-5})$ <p>Answer:</p>	$(8.25 \times 10^{-6})(3.74 \times 10^{-2})$ <p>Answer:</p>
$(4.805 \times 10^{-3})(3.753 \times 10^{-7})$ <p>Answer:</p>	$(2.64 \times 10^{-4})(1.9534 \times 10^{-9})$ <p>Answer:</p>