

Scientific Notation | Division

Simplify each problem and express the answer in scientific notation.

Example: $(6.27 \times 10^5) \div (1.9 \times 10^3)$

$$\begin{aligned} & (6.27 \times 10^5) \div (1.9 \times 10^3) \\ &= (6.27 \div 1.9) \times (10^5 \div 10^3) \\ &= 3.3 \times 10^{5-3} \\ &= 3.3 \times 10^2 \end{aligned}$$

Answer: **3.3×10^2**

$(2.1 \times 10^7) \div (3.5 \times 10^9)$

Answer:

$(7.38 \times 10^4) \div (8.2 \times 10^{11})$

Answer:

$(5 \times 10^4) \div (2.5 \times 10^2)$

Answer:

$(7.56 \times 10^4) \div (2.1 \times 10^4)$

Answer:

$(8.586 \times 10^{11}) \div (9.54 \times 10^8)$

Answer: