

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}

$$(5.4 \times 10^{-4}) \div (7.2 \times 10^{-6})$$

Answer:

$$(8.33 \times 10^{-11}) \div (1.7 \times 10^{-10})$$

Answer:

$$(9 \times 10^{-4}) \div (3 \times 10^{-3})$$

Answer:

$$(6.2 \times 10^{-5}) \div (3.1 \times 10^{-9})$$

Answer:

$$(4.55 \times 10^{-7}) \div (6.5 \times 10^{-12})$$

Answer: