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NAME: _____

7th Grade

Convert the numbers into scientific notation.

① 367,420

② 0.00391

③ 6,000

④ 0.000000024

⑤ 0.2

⑥ 9,034,000,000

Convert the numbers into standard form.

⑦ 2×10^5

⑧ 6.1×10^{-3}

⑨ 4.031×10^{-7}

⑩ 3.24×10^8

⑪ 7×10^{-1}

⑫ 4.12×10^1

Multiply

$$\textcircled{1} (5 \times 10^6) (1.3 \times 10^4)$$

$$\textcircled{2} (7.2 \times 10^{-1}) (1.1 \times 10^5)$$

$$\textcircled{3} (4 \times 10^{-2}) (3 \times 10^9)$$

$$\textcircled{4} (6 \times 10^{-4}) (5 \times 10^{-2})$$

$$\textcircled{5} (1.5 \times 10^{14}) (8 \times 10^{-7})$$

$$\textcircled{6} (3.2 \times 10^2) (2.1 \times 10^4)$$

Divide.

$$\textcircled{7} \frac{9 \times 10^5}{2 \times 10^3}$$

$$\textcircled{8} \frac{6 \times 10^1}{3 \times 10^8}$$

$$\textcircled{9} \frac{7 \times 10^{-2}}{4 \times 10^4}$$

$$\textcircled{10} \frac{1 \times 10^3}{2 \times 10^{-1}}$$

$$\textcircled{11} \frac{9 \times 10^{-2}}{4 \times 10^{-3}}$$

$$\textcircled{12} \frac{5 \times 10^{-7}}{2 \times 10^{-2}}$$